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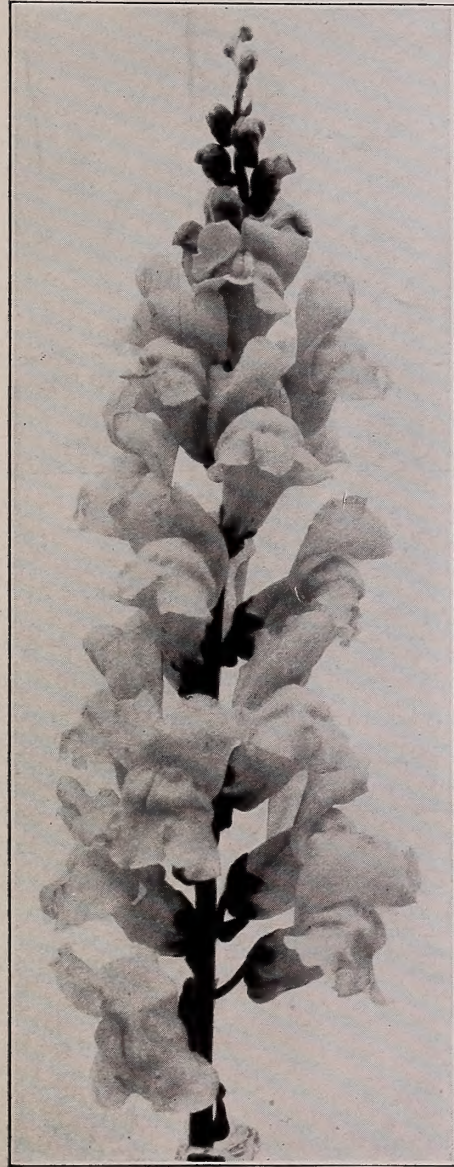
6223

Plant Ind.

# Flower Seeds, Bulbs and Plants

SPECIAL CASH DISCOUNT 5 PER CENT on orders over \$2.00 for Flower Seeds, if the cash is enclosed.

This List Cancels All Previous Offers



ANTIRRHINUM

## "SNAPS" for Greenhouse Forcing

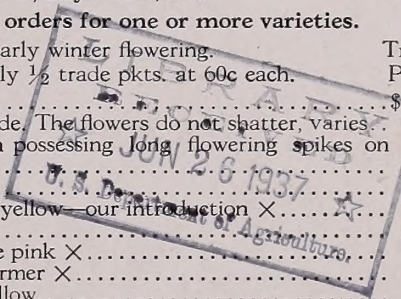
SPECIAL OFFER — WHERE PRICE IS:

\$1.00 per pkt., we supply any 3 for \$2.50; any 5 for \$3.50 any 7 for \$4.55  
 \$1.50 per pkt., we supply any 3 for \$4.00; any 5 for \$6.50  
 \$2.00 per pkt., we supply any 3 for \$5.00; any 5 for \$7.50

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (\*), are best for early winter flowering.  
 Varieties followed by a cross (X) we can supply 1/2 trade pkts. at 60c each.

	Trade Pkt.
*Afterglow. Golden bronze X	\$1.00
Bertha Baur. Charming lavender or orchid shade. The flowers do not shatter, varies.	1.00
Captor (Breitmeyer). A pure white snapdragon possessing long flowering spikes on strong wiry stems. A continuous producer	1.50
Celestial (Witterstaetter). New yellow	1.50
*Ceylon Court. Canary yellow. The best early yellow—our introduction X	1.00
*Ceylon Court. Dark Selection X	1.00
*Cheviot Maid. The Original Strain. Early rose pink X	1.00
*Cheviot Maid, Supreme. Darker than the former X	1.00
Coate's Yellow Perfection. Deep golden yellow	1.00
Cornwallis (Dupuy & Ferguson). A beautiful bright rose pink, two shades brighter than Rose Queen. Does not require pinching. An A-1 shipper	1.50
Daybreak (Breitmeyer). Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer	1.50
*Jennie Schneider. Soft rose pink. Sow early for winter flowering X	1.00
Kirkwood Beauty. Bronze with a cast of gold—a striking color	1.00
La France (Stachel). A strikingly beautiful silvery pink, a color that harmonizes well with most all other flowers. Varies	2.00
*Lucky Strike. Best pure white, grows three to four feet with splendid full spike of flowers; does not drop or shatter X	1.00
Marion Golden (Schumann). Yellow	1.50
Marion White (Schumann). A real white, large close flowering spike on a strong sturdy stem, throwing small foliage	1.50
Miss Wooster (De Witt). The color is a dazzling rich dark bronze. Early blooming; the heads of blooms are very large and compact. It is an ideal shipping variety, as it does not shatter	1.50
New Cincinnati. The finest light rose	1.00
New Dawn (Thomson). A golden orange, very effective either in daylight or artificial light. A quality Snap; very pleasing color; a fine seller; a continuous bloomer	1.00
*New Deal. Very early, fragrant, golden bronze	1.00
Nicholson Yellow. A striking new bright yellow	1.00
Northern Light (De Witt). The color is a rich golden yellow with pink shadings on the reverse of petals. It holds its colors well in dark weather. Comes on strong stems, flowers large and well placed on the stem	1.50
Peggy Schumann (Schumann). A new medium pink, a large close flowering spike on a strong, sturdy stem, will not shatter and produces no blind shoots. An early bloomer	2.00
Philadelphia Pink. Rose pink	1.00
Pink Delight (Breitmeyer). Excellent pink variety for hot weather and early fall cutting	1.50
Radiance (Thomson). A lovely, deep pink. Best variety to crop for a holiday, especially for Christmas. Medium length, heavy stems, large flowers, very early	1.00
Roman Gold. A deep golden yellow with a lip a lighter yellow X	1.00
*Rose Queen (Witterstaetter). Dark pink X	1.00
Royal Gold (Schumann). An orchid flower, the face old-gold, the upper lip shading from gold to orchid	2.00
Schrock's Orchid. True orchid color with exceptionally long and beautiful spikes. Coming in bloom with Cheviot Maid Supreme, Afterglow and Velvet Beauty	2.00
*White Prosperity. A pure white	1.50
*White Rock. Early-blooming pure white. 3 Pkts., \$1.25; 5 Pkts., \$2.00	.50
*White Wonder (Bezdek). A fine pure white, popular on Chicago Market	2.00
*Winter Helen. Lovely salmon-pink, early and winter bloomer X	1.00
Yellow Cheviot Maid (Volz). The Chicago Florists Club awarded it a Certificate of Merit, and the S.A.F. & O.H. "Declared it the most outstanding yellow snapdragon ever staged and worthy of a certificate of merit"	1.00
Greenhouse Varieties Mixed	.75



Snow White (Breitmeyer). Pure white. Sow now for late Tr. pkt. Summer and Fall crops. \$1.00

Sunburst, Improved. Color of Sunburst rose X. 1.00

Sunset (Breitmeyer). A beautiful golden copper, bronze lip. Exceptionally large individual florets, well set. Makes fine, long flower spike. 1.50

\*Suntan. Rose shade of tan with tinge of yellow on lip X. 1.00

Terry's Surprise, Improved. Pink and bronze shades. 1.00

Velvet Beauty. Rich American Beauty red in color, exceptionally stout stem. 1.00

Westover's Fringed White. This delicate fringed white Snapdragon has long flowering spikes with large individual blooms that have unusual lasting qualities. The characteristic of Westover's white fringed snapdragon is that it produces profusely. 3 Trade pkts. for \$6.50 2.50

White Cheviot Maid (Yoder). Pure white, flowers well placed. 1.00

VAUGHAN'S SEED STORE, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.



BEGONIA Gracilis Pink Pearl

## Begonia

- Gracilis Pink Pearl.** Of dwarf, compact habit—6 to 8 inches high this new Begonia is one of the very best for pot culture. The plants form perfect balls and the flowers are well above the fresh green foliage. . . . . 1.00 . . . . .
- Red Pearl.** Same as above in growth, height and blooming habit. Color brilliant dark scarlet. . . . . 1.00 . . . . .
- Luminosa.** Deep dark scarlet, foliage reddish brown, 10 in. . . . . 1/2 oz., \$1.80; 1/8 oz., \$5.80 1.00 \$36.00
- Carmen.** Bright rose flowers, bronze foliage. . . . . 1/4 oz., \$1.80; 1/32 oz., \$3.20 1.00 . . . . .
- Carmen Scarlet.** . . . . . 1.00 . . . . .
- Carmen White.** . . . . . 1.00 . . . . .
- Dwarf Luminosa.** Extra dwarf, scarlet . . . . . 1/4 oz., \$2.00 1.00 . . . . .
- Fireball.** Fiery crimson, 10 in. . . . . 1/2 oz., 1.80 .50 . . . . .
- Indian Maid.** 10 in. Bright deep scarlet buds and flowers with deep bronze foliage. . . . . 1/4 oz., \$2.50 1.00 . . . . .
- Pink Profusion.** Pure La France rose with rosy-purple buds, compact, very free flowering. . . . . 1.00 . . . . .
- Prima Donna.** Limpid rose, shading to carmine, most beautiful, 10 to 12 in. . . . . 1/2 oz., \$2.40 1.00 . . . . .
- Radio (Rundfunk).** Large flowered, shining, pure carmine-scarlet . . . . . 1/2 oz., \$2.40 1.00 . . . . .
- White Pearl.** White, 10 in. . . . . 1/2 oz., 1.60 .50 . . . . .
- Christmas Cheer Red.** A very large-flowered variety, color, dark crimson-scarlet. . . . . 1/2 oz., \$2.20 1.00 . . . . .
- Christmas Pink.** Identical to above variety only the color is a delightful shade of warm rose-pink. . . . . 1/2 oz., \$2.20 1.00 . . . . .
- Semperflorens Albert Martin.** Bright carmine, very large flowers, 14 in. . . . . 1/2 oz., \$1.00 .50 . . . . .
- Darling.** The plants are of ball shape, growing approximately 8 inches high; flowers are large and of a very brilliant carmine rose. . . . . 1/4 oz., \$2.25 1.00 . . . . .
- Elegance.** The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center. . . . . 1/4 oz., \$2.00 1.00 . . . . .
- Enchantress.** Fresh rose color, better than Prima Donna. . . . . 1/2 oz., \$1.60 .50 . . . . .
- Erfordia.** Rosy carmine, 10 in. . . . . 1/2 oz., 1.40 .50 . . . . .
- Fire Sea (Blaze of Fire).** Red flowers, green foliage . . . . . 1/2 oz., \$2.00 1.00 . . . . .
- G. Knaacke.** Glowing salmony pink. 1/2 oz., 1.60 .50 . . . . .
- Glory of Erfurt.** Large carmine flowers. 1/2 oz., 2.00 .50 . . . . .
- Gruppen Konigin (Bedding Queen).** Large soft pink flowers. . . . . .50 . . . . .

## Aloe Variegata

or "Tiger-Aloe," the finest and most favored quick-growing succulent with beautifully variegated leaves. Seedlings of 9 to 12 months of age, potted up in Tom Thumb pots, are salable in unlimited quantity. 100 seeds, \$1.25; 1000 seeds, \$10.00.

## Asparagus

**Plumosus Nanus.** Carefully harvested, hand-picked, plump, well-matured seed of this variety is a specialty with us. 100 seeds, 25c; 250 seeds, 40c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.50; oz., 80c; lb., \$9.00.

**Falcatus.** Valuable bushy green for cutting purposes. Shiny dark green leaflets. 100 seeds, 75c; 1,000 seeds, \$6.00.

**Sprengeri.** 100 seeds, 25c; 250 seeds, 35c; 1,000 seeds, \$1.00; 5,000 seeds, \$4.50; oz., 80c; lb., \$8.00.



ALOE Variegata

### BEGONIA Semperflorens—Continued

- |   |                 |                |
|---|-----------------|----------------|
| <b>Lightning</b> (Thunderbolt). Large flowers 2 in. across and deep carmine scarlet shade. . . . .  | Trade pkt.      | Oz.            |
|   | \$1.00          | . . . . .      |
| <b>Little Midget.</b> A remarkably early and willing bloomer. Plants when only an inch or two in height flower freely. Color a pretty dark carmine. . . . . | 1.00            | . . . . .      |
| <b>Salmon Queen.</b> Large cinnabar red blooms, 12 in. . . . .  | 1/2 oz., \$1.70 | .50 . . . . .  |
| <b>Striegau.</b> New dwarf compact plant with large fiery carmine flowers . . . . .   | 1/4 oz., \$1.80 | 1.00 . . . . . |
| <b>Winter Romance.</b> Carmine pink flowers, light green foliage. . . . .   | 1.00            | . . . . .      |
| <b>Special Mixture of Bedding Begonias.</b> 1/2 oz., \$1.00   | .50             | . . . . .      |

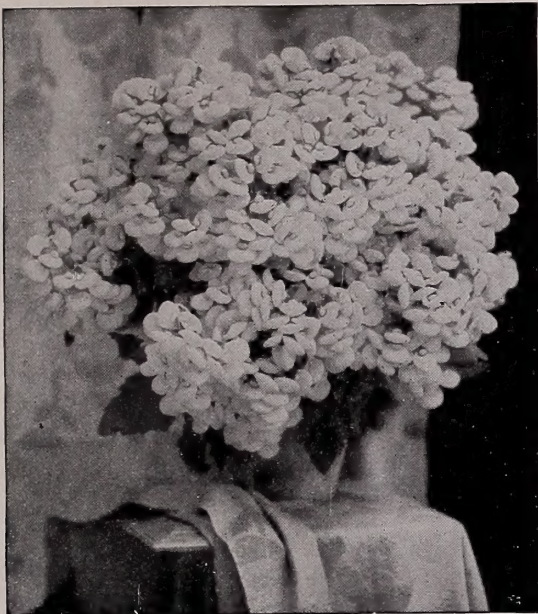
## Chinese Forget-Me-Not

- Cynoglossum Amabile.** A lovely plant 18 to 24 inches tall, with flowers of a true Forget-me-not blue. May be grown either outside or under glass. . . . .
- |  |          |        |
|--|----------|--------|
| Makes wonderful cut flower. . . . .                            | Tr. pkt. | Oz.    |
|  | \$0.10   | \$0.30 |
| <b>Amabile. Pink.</b> . . . . .                                | .15      | .40    |
| <b>Fairy Blue.</b> New attractive deep Cambridge blue. . . . . | .10      | .40    |

## Clarkia Elegans Double

- |   |          |        |
|---|----------|--------|
| <b>Albatross.</b> Pure white. . . . .   | Tr. pkt. | Oz.    |
|   | \$0.15   | \$0.60 |
| <b>Appleblossom.</b> A good rose-pink. . . . .  | .15      | .50    |
| <b>Brilliant.</b> Salmon. . . . .   | .15      | .50    |
| <b>Chamois.</b> Pale rosy pink. . . . .   | .15      | .50    |
| <b>Chieftain.</b> Mauve. . . . .  | .15      | .50    |
| <b>Copper Scarlet.</b> . . . . .  | .15      | .50    |
| <b>Enchantress.</b> Salmon pink. . . . .  | .15      | .50    |
| <b>Firebrand.</b> Copper scarlet. . . . .   | .15      | .50    |
| <b>Glorious.</b> Crimson scarlet. . . . .   | .15      | .80    |
| <b>La France.</b> Pale salmon pink. . . . .   | .15      | .80    |
| <b>May Blossom.</b> An absolutely distinct and very beautiful color is pure glowing rose which deepens with age . . . . . | .15      | .80    |
| <b>Orange King.</b> A good orange. . . . .  | .15      | .50    |
| <b>Purple Prince.</b> Rich purple. . . . .  | .15      | .50    |
| <b>Rosy Morn.</b> Rose. . . . .   | .15      | .80    |
| <b>Queen Mary.</b> Carmine. . . . .   | .15      | .50    |
| <b>Salmonea Perfecta.</b> True salmon, extra double. . . . .  | .15      | .60    |
| <b>Vesuvius.</b> Fiery-scarlet and rose. . . . .  | .15      | .50    |
| <b>White Prince.</b> . . . . .  | .15      | .60    |
| <b>Vaughan's Special Mixture.</b> . . . . .   | .15      | .80    |

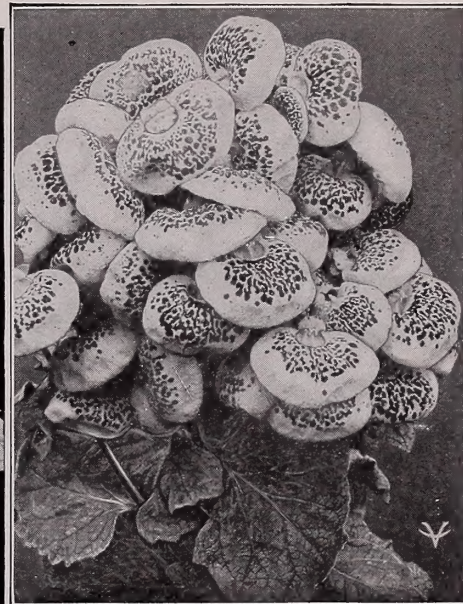
Clarkia should have no more soil than is needed to give proper depth in the flat, less than 3 inches. They can also be grown in 2 1/4-inch pots. They require warm conditions. In a cool house they stand still until temperature warms up.



CALCEOLARIA Flower Cloud



CALCEOLARIA Hybrida Grand Triumph



CALCEOLARIA Multiflora Nana

FOR CALCEOLARIAS, use a mixture of loam, leaf-mold and sharp sand. This mixture is suitable both for the seed pans and the pots into which the seedlings, when ready, should be planted. Perfect drainage is important. Calceolaria seed being very fine the seeding should be done with great care and it is suggested that one use a sheet of white paper on which a tablespoon of white sand is distributed. Then shake the seed on top of this sand and mix thoroughly. Then, sprinkle this mixture on the soil of the seed pan, dusting surface with a little fine sand, cover with a sheet of glass and place in the shade. For moisture, immerse the pans in water. As the seedlings come up lift them carefully when quite small and prick them off into a flat allowing two inches square for each plant. It is important that the leaves of one plant should never be allowed to overlap those of another or decay will probably result. When established in pots shift them into the larger size. At the last shift give them some manure water, not too strong, about once a week.

# Vaughan's Calceolarias

These Make Wonderful Plants for Easter or Mother's Day

**Hybrida Grandiflora Triumph Strain.** An excellent strain. Trade Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage, not so woolly as is sometimes seen in Calceolaria. A prize winner in the S.A.F. Milwaukee Show..... \$1.25

★**Multiflora Nana Mixed.** The average size of the blooms is only 1½ inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. The yellow shades, lemon, gold, orange, are adorned with fine brown spots; the brown, orange copper, copper brown, copper scarlet, crimson, scarlet are very striking. Makes an ideal market plant..... ¼ oz., \$4.40; 128th oz., \$2.40 1.00

**Multiflora Nana. (Indian Prince).** Deep crimson..... 1.00

**Multiflora Nana Golden Tiger.** Bright golden yellow flowers with dark brownish red dots, freely produced above the foliage..... ¼ oz., \$3.50 1.00

**Albert Kent's Hybrids.** The flowers are intermediate in size and produced in large graceful clusters..... ¼ oz., \$2.00; ½ oz., \$3.50; ¼ oz., \$2.00 1.00

**Feltham Glory.** The result of a cross between Albert Kent and C. Banksii, this attractive hybrid has the fairly dwarf compact habit and large flowers of the former with the perennial nature and variation in color of the latter. The range of color of the numerous flowers includes scarlet, orange, buff, rich brown and golden yellow in self, blotched and spotted forms..... ¼ oz., \$2.40 1.00

**Rugosa Aurea, Golden Rain..... 1.00**

**Rugosa Major, Mixed, 12 in. .... 1.00**

The Rugosa varieties furnish splendid cut flower material besides being good pot plants. The flowers are much smaller than the Hybrida, are produced in clusters and keep well in water after cutting.

“**Flower Cloud.**” This is a cross between the C. Rugosa and Grandiflora. The most free blooming Calceolaria, in all colors. Of a very vigorous growth and resistant against weather influences. Leaves are rather elastic, like those of the Rugosa, making them easy to pack and ship. 3 for \$2.70 Trade \$1.00

**Hybrida Grandiflora Extra Choice Mixed.** Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. A mixture of two superior English and German strains. ½ oz., \$3.40; ¼ oz., \$1.80 Trade pkt. (about 1000 seeds) 1.00

**Hybrida Grandiflora Graciosa.** A type with very large self-colored flowers in many colors, especially in the yellow shades, 15 inches..... ¼ oz., \$2.20 .75

**Grandiflora Nana Tigrina Mixed.** Tigered and self-colored, 10 inches..... ¼ oz., \$2.40 1.00

**Kelway's Perfect Model (Herbaceous).** Originator's stock. Splendid habit, neither too tall nor too dwarf. Large heads of very large flowers, which are well rounded and filled out, and of the richest as well as the most delicate colors; most marvelous variety of shades and markings, self, spotted, blotched and striped..... ¼ oz., \$2.40; ½ oz., \$4.20 1.00

## Centaurea Cyanus (Corn Flower)

	Tr. pkt.	Oz.
Double Atropurpurea. Plum color.....lb., \$4.00	\$0.10	\$0.40
Crimson.....lb., 4.00	.10	.40
Black Boy. Blackish maroon.....	.15	.50
Blue Boy. Special strain..... ¼ lb., 1.40	.15	.50
Mauve.....lb., 4.00	.10	.40
Pinkie. Deep pink..... ¼ lb., 1.40	.15	.50
Rosea. Pink, fine color.....lb., 4.00	.10	.40
Ruby.....lb., 4.00	.10	.40
Snowman. White..... ¼ lb., \$1.40	.15	.50
New Improved. Cyanus varieties mixed....		
..... ¼ lb., \$1.40	.15	.50



CALENDULA SENSATION

## Calendula

	Tr. pkt.	Oz.
<b>Sensation or Campfire.</b> Long stems very double brilliant orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape. . . . .		
.....lb., \$8.00; 1/4 oz., 25c	\$0.15	\$0.80
<b>Ball Apricot.</b> .....4 oz., \$6.50; 1/4 oz., 60c	.40	2.00
<b>Ball Gold.</b> .....4 oz., \$6.50; 1/4 oz., 60c	.40	2.00
<b>Ball Lemon Queen.</b> .....4 oz., \$6.50; 1/4 oz., 60c	.40	2.00
<b>Ball Light Orange.</b> An extra long stemmed light centered orange. Not quite as dark as Masterpiece with longer stems, larger flowers and heavier growth. Seed ready August 1st. 4 oz., \$6.50; 1/4 oz., 60c. . . . .	.40	2.00
<b>Ball Masterpiece.</b> Extra long-stemmed deep orange with brown center.....4 oz., \$6.50; 1/4 oz., 60c	.40	2.00
<b>Ball Long Orange.</b> .....4 oz., \$6.50; 1/4 oz., 60c	.40	2.00
<b>Ball Supreme.</b> Light orange with brown eye. . . . .		
.....1/4 lb., \$6.50; 1/4 oz., 60c	.40	2.00
<b>Ball White. Moonlight.</b> The lightest in color of all the Calendulas, being a beautiful soft cream yellow. . . . .		
.....4 oz., \$6.50; 1/4 oz., 60c	.40	2.00
<b>Ball Varieties. Mixed.</b> .....1/4 oz., 50c	.30	1.50
<b>Friiled Beauty.</b> New deep orange. . . . .		
.....1/4 oz., 50c	.25	1.50
<b>Radio.</b> The flowers are medium size, good depth and clear orange in color. The petals are beautifully quilled. . . . .		
.....lb., \$5.00	.15	.50
<b>Radio Golden Beam.</b> Same as above only color is light yellow. . . . .		
.....lb., \$5.00	.15	.50
<b>Shaggy.</b> A distinct new break in Calendulas. The petals are long and deeply lacinated, orange with darker center. . . . .		
.....1/4 oz., 25c	.15	.80
<b>Sunshine or Chrysantha.</b> Petals long, broad and drooping, giving the flower a globular form. Buttercup yellow. . . . .		
.....lb., \$8.00	.20	.80
<b>Orange Sunshine.</b> Same loose flower form with dainty incurved petals, color is a clear light orange of a vivid and penetrating tone. The stems are unusually long for Calendulas and very firm. . . . .		
.....1/4 oz., 50c	.25	1.60

## Candytuft

	Tr. pkt	Oz
<b>Giant Hyacinth-Flowered.</b> Select, pure white, 12 in. The best strain in existence. . . . .	lb., \$8.00	\$0.20 \$0.80
<b>Coronaria Empress.</b> White. . . . .	lb., 2.40	.10 .25
<b>Umbellata Carminea.</b> Carmine, 12 in. . . . .	lb., 3.60	.15 .40
<b>Alba.</b> White, 12 in. . . . .	lb., 3.60	.15 .40
<b>Flesh-Pink.</b> 12 in. . . . .	lb., 3.60	.15 .40
<b>Lilacina.</b> Lilac, 12 in. . . . .	lb., 3.60	.15 .40
<b>Purpurea.</b> Crimson, 12 in. . . . .	lb., 3.60	.15 .40
<b>Rose Cardinal.</b> Rose-pink, 1 ft. . . . .	lb., 4.80	.15 .50
<b>Mixed.</b> . . . . .	lb., 2.40	.10 .30

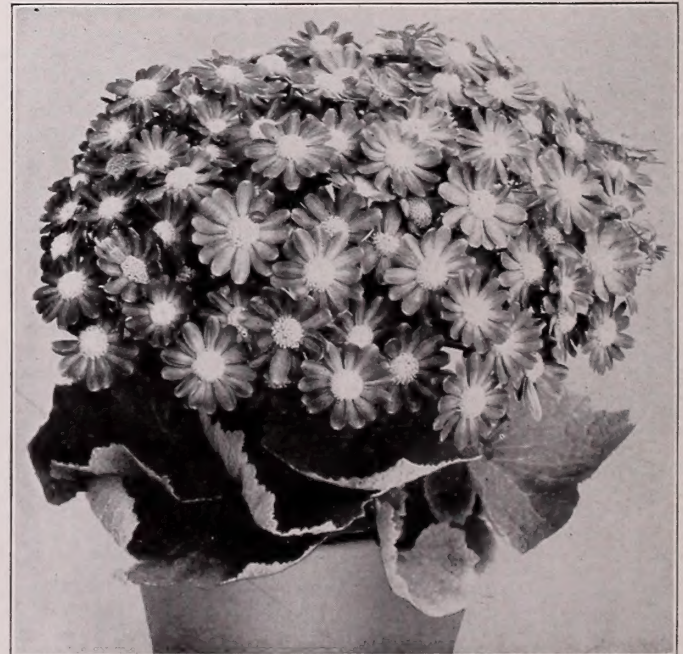


CANDYTUFT Giant Hyacinth Flowered. Tr. pkt., 20c; oz., 80c; lb., \$8.00.

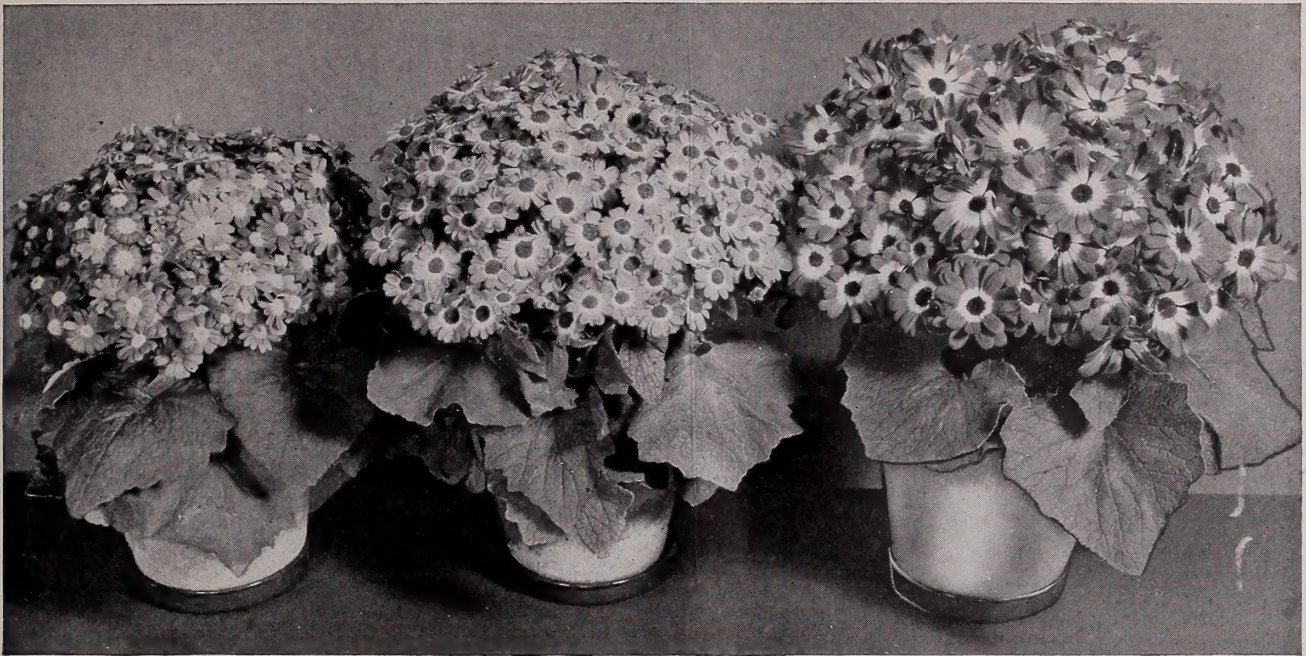
## CINERARIA "GOLD CENTER" OF THE MULTIFLORA NANA TYPE

This new strain is distinctive by the golden yellow stamens—the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers. We strongly recommend this new variety.

500 seeds, 60c; 1000 seeds, \$1.00; 1/64 oz., \$2.25



CINERARIA "GOLD CENTER"



CINERARIA Multiflora Nana.

Cremer's Prize.

Potsdam Strain (Weissense) Berlin Market

# Cineraria Hybrida

**Vaughan's Columbian Mixture.** It consists of a mixture Trade  
made up by ourselves of the choicest large flowering strains, pkt.  
of our gold center Nana Multiflora type and cannot be  
excelled in variety of colors, size, shape and substance of  
flowers and perfect habit of plant.  $\frac{1}{64}$  oz., \$1.80;  $\frac{1}{32}$  oz., \$3.00;  
 $\frac{1}{16}$  oz., \$5.50.....about 1000 seeds \$1.00

**Howard and Smith's Strain.** A very fine selection from a  
California specialist. Seed from the originator.  $\frac{1}{64}$  oz., \$2.60 1.00

**Large-Flowering.** Old Rose; pink to rich coppery-  
White Azure Blue red.  
Crimson Dark Blue Matador, deep copper scarlet.  
Each 500 seeds. Trade pkt., 50c.

**James' Giant. Mixed.** A well-known English strain.....  
.....1000 seeds \$1.00

**Cremer's Prize.** The petals in most of the blooms of this  
strain are wide, numerous and overlap well to form attract-  
ive heads. The plants can be finished in smaller pots, too,  
making shapely specimens covered with masses of blooms.  
The seed we offer naturally came from the introducer (when  
introduced). We have greatly improved this strain as to  
uniformity of size, color range and freedom of bloom.  
..... $\frac{1}{8}$  oz., \$15.00;  $\frac{1}{16}$  oz., \$8.00;  $\frac{1}{32}$  oz., \$4.00 1.50

**Hybrida Multiflora Nana.** Produces dwarf plants with  
masses of small flowers, measuring about  $\frac{3}{4}$  in. in diameter,  
in compact heads over small and dainty foliage. The  
flowers are self-colored.

Azure Blue Rose Dark Red  
Dark Blue Rose Carmine  
Rosamond. Pink, white ring, dark center.  
Each of the above..... $\frac{1}{64}$  oz., \$1.80; 500 seeds .50

Multiflora Nana. Mixed, all colors..... $\frac{1}{32}$  oz., \$2.00 1.00

Multiflora Nana Maxima Mixed..... $\frac{1}{32}$  oz., 2.40 1.00

**Potsdam Strain. (Weissensee). (Berlin Market) Mixed.**  
Flowers larger and plants somewhat taller than Multiflora  
Nana Grandiflora with a wonderful color range.....  
..... $\frac{1}{32}$  oz., \$2.80;  $\frac{1}{64}$  oz., \$1.50.. 1.00

Crimson Dark Blue Rose  
White Salmon Rose shades  
Each of above.....500 seeds .50

CINERARIA—Continued Trade  
**Eriksson's Private Stock Mixed.** A selection made by Ernst pkt.  
Eriksson, along the lines of aiming to improve existing colors  
and shades as well as to eliminate the so-called "Cabbage  
Foliage." Medium tall growing.....about 1000 seeds \$1.50

**Covent Garden Strain.** The flowers of this new strain are  
much smaller than the large flowering type but the plants  
produce a large head of bloom when grown in small pots..  
..... $\frac{1}{32}$  oz., \$2.40;  $\frac{1}{64}$  oz., \$1.50 1.00

**Plenissima.** Double mixed. Good for cutting... 500 seeds .50

**Star Cineraria (Cineraria Hybrida Polyantha).** Fine, small-  
flowering varieties for cutting and decorative purposes.  
Plants grow 3 ft. high..... $\frac{1}{32}$  oz., \$1.80 .50

Feltham Beauty. Somewhat dwarfer than above, but with  
larger flowers and broader petals; nearly all have white  
centers..... $\frac{1}{32}$  oz., \$1.40 .50

Polyantha Stellata. Blue. Rich, dark blue, 2 ft.  $\frac{1}{32}$  oz., \$1.20 .50

Polyantha. Salmon Pink. A fine new shade.  $\frac{1}{32}$  oz., \$1.80 .50

# Kalanchoe

Globulifera Var. Coccinea.

The New Winter-  
Flowering Pot  
Plant. We highly  
recommend this  
novelty from Madag-  
ascar as a very  
floriferous and at-  
tractive pot plant.

In form they are  
similar to the well  
known Bouvardia  
flower, but the color  
is a very bright  
scarlet. That the  
flowers do not fade  
is of great advan-  
tage to the sale of  
plants and, last but  
not least, they de-  
velop their flowers  
in the wintertime  
when such a rich  
coloring is in de-  
mand. Complete  
culture instruction  
with seeds. 1,000  
seeds, 60c; 3,000  
seeds, \$1.50.



KALANCHOE Globulifera Var. Coccinea



CYCLAMEN *Persicum Giganteum* Binnewies Strain

# Cyclamen

## *Persicum Giganteum*

### Binnewies—German Strain

Well known strain we have carried for several years. Seed supplied in originator's packets.

250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate. In lots of 5,000 of a variety 8% off the rate for 1,000 seeds.

	100 Seeds	1000 Seeds
Bonfire. Brilliant salmon.....	\$1.70	\$15.00
Bright Red.....	1.20	10.00
Dark Blood Red.....	1.20	10.00
Lavender.....	1.20	10.00
Morning Red.....	1.60	13.00
Mozart. Deep pink.....	1.80	17.00
Orange Beauty. Orange vermilion.....	1.85	17.00
Pink Pearl. Salmon pink.....	1.85	17.00
Pure Rose.....	1.20	10.00
Pure White.....	1.20	10.00
Rococo Erecta Mixed. Large fringed flowers.....	1.60	14.00
Salmon Scarlet (America Improved).....	2.00	16.00
Salmon Rose Improved.....	1.60	13.00
Salmon Dark (Glory of Wandsbek or Perle of Zehlendorf).....	1.50	12.00
Salmon Light (Rose of Zehlendorf).....	1.50	12.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal).....	1.20	10.00
Saffron Red.....	1.40	11.00
Saffron Red Silver Edge.....	1.75	15.00
White with Carmine Eye.....	1.20	10.00
New Ruffled Mixed.....	2.00	18.50
White Crested.....	1.60	13.00
Binnewies Strain Mixed.....	1.10	10.00

## New Double Cyclamen

It is a full double petaled flowering strain, the individual flowers averaging 10 petals. Seed from originator.

**Prosperity**—Described by many as an azalea type, a flaming rose with a distinct clear color, extra fine and a heavy bloomer.

**Admiration**—A beautiful salmon rose with shaded eye, a very bright shade and a good seller.

**Cerise Brilliant**—Rich cerise red.

**Rosea**—A soft rose with a coral cast shading lighter at tips.

**Four Varieties Mixed.**

Each of above four and mixed, 100 seeds \$2.50; 1,000 seeds, \$20.00.

CYCLAMEN—Continued

## Dlabka Strain—German Strain

Bright, strong colors, finely formed flowers, its blooming period is longer than other strains, which keep the plants in saleable condition for a greater length of time.

	100 Seeds	1000 Seeds
<b>Alpine Glow.</b> The color is a glowing salmon in the center of the flower while the upper part of the petals is silvery white, exactly like the peak of a mountain covered with snow and tinted by the sunset with a rich salmon red color.....	\$2.25	\$20.00
<b>Bright Red</b> .....	1.20	10.00
<b>Fanal.</b> Fiery salmon red.....	2.00	16.00
<b>Pearl of Zehlendorf.</b> Dark salmon.....	1.50	12.00
<b>Pure Rose</b> .....	1.20	10.00
<b>Pure White</b> .....	1.20	10.00
<b>Rose of Zehlendorf.</b> Light salmon.....	1.50	12.00
<b>Red with Salmon Hue</b> .....	1.50	12.00
<b>Salmon Scarlet</b> .....	2.00	16.00
<b>DRACAENA Indivisa.</b> Narrow green leaves. lb., \$4.40	\$0.15	\$0.40
<b>Australis.</b> Green and red colored leaves.....	.20	.80
<b>EXACUM Affine.</b> Very dwarf, fragrant, light blue flowers, excellent pot plant. 1/64 oz., \$1.80; 1,000 seeds, 75c.		Trade pkt. Oz.
<b>Affine Atro-Coeruleum.</b> New. Dark blue.....	1/64 oz., \$2.25	1.00

## Gloxinia Hybrid

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1,000 seeds), \$1.00; 1/2 oz., \$2.50.

**Vaughan's "Beacon."** Flowers rich dark red. The plants produce from 50 to 70 flowers and this is only possible with a strain producing many flowering side growths. A fully grown plant makes about three dozen leaves and if one or more leaves are broken, they may be cut off without deforming the plant.

Flexible leaves making for easier wrapping and packing.

	1,000 seeds, \$1.00; 500 seeds, 65c	Trade pkt. Oz.
<b>Donau.</b> White with broad blue margin.....	\$1.00	.....
<b>Emperor Frederick.</b> Scarlet, white margin.....	1/64 oz., \$1.50	1.00
<b>Emperor William.</b> Dark blue, bordered white.....	1/64 oz., \$1.50	1.00
<b>Othello.</b> Purple.....	1/64 oz., \$1.50	1.00
<b>Scarlet Queen.</b> Deep scarlet.....	1/64 oz., \$1.50	1.00
<b>Snow Queen</b> .....	1/64 oz., \$1.50	1.00
<b>Wandsbeker Blut.</b> Large brilliant dark red flowers. The leaves are soft, do not break.	1/64 oz., \$1.50	1.00
<b>Waterloo.</b> Black red, passing to deep carmine.....	1/64 oz., \$1.50	1.00
<b>Gigantea Mixed</b> .....	1/64 oz., \$1.40	1.00



GLOXINIA Type of Vaughan's Columbian Mixture



<b>GESNERIA Robusta Perfecta Hybrids.</b> A fine pot plant. It belongs to same as class the Gloxinias and needs same culture in greenhouse. . . . .	Trade Pk.	Oz.	
	\$1.00		
<b>GREVILLEA Robusta.</b> Silk Oak. Good for fern dishes. . . . .	lb.	\$8.00	.15 \$0.80
<b>GYPSOPHILA Elegans, Carminea.</b> Deep rose. . . . .	lb., \$2.40		.10 .25
<b>Grandiflora Alba.</b> London Market Strain.			
Ours is the improved 8-9 overlapping petal strain. Pure white, not to be confused with the ordinary 4-5 petal stock. . . . .	1/4 lb., 50c; lb., \$1.60		.20
	5 lbs., 6.50		.20
<b>Crimson.</b> . . . . .	lb., \$2.40		.10 .25

### Annual Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

<b>Hartwegii.</b> Dark Blue, Oxford-Blue, 24 in. . . . .	lb., \$3.00	Tr. pkt.	Oz.
		\$0.10	\$0.30
<b>Albus.</b> White. . . . .	lb., 3.00	.10	.30
<b>Light Blue.</b> Cambridge-Blue . . . . .	lb., 3.00	.10	.30
<b>Rose Queen.</b> The color is rose-pink, the height about the same as Hartwegi, just the leaves are a little different. . . . .	lb., \$4.00	.15	.40
<b>Mixed.</b> . . . . .	lb., 2.40	.10	.20

**Giant or King Lupinus.** This improved new giant strain reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.

<b>King Blue.</b> . . . . .	lb., 5.00	.15	.60
<b>King White.</b> . . . . .	lb., 5.00	.15	.60
<b>King Mixed.</b> . . . . .		.15	.50
<b>Luteus Romulus.</b> Yellow, very fragrant, 12 in. . . . .	lb., \$4.00.	.15	.40
<b>Sulphureus Superbus.</b> Annual Yellow. Takes well on the Chicago market, 28 in. . . . .	lb., \$4.00	.15	.40

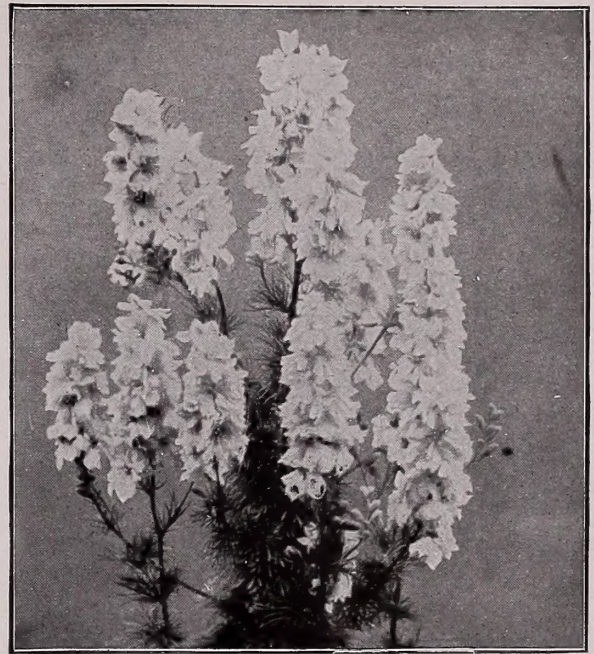
### Newer Marigolds

Seed sown August 21 and grown on cool, produced wonderful plants which were in full flower four months later, in time for Christmas display in Garfield Park Conservatory.

<b>Alldouble Orange and Alldouble Lemon.</b> Each, Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.50; 4 oz., \$5.00.			
<b>Golden Emblem.</b> New deep golden yellow, almost midway between orange and lemon. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.40.			
<b>Yellow Supreme.</b> Rich creamy, broad loose-leaved petals of honey fragrance. Trade pkt., 25c; oz., \$1.25; 4 oz., \$4.00.			
<b>Guinea Gold.</b> Semi-double type with long loose petals. Brilliant shade of orange flushed with gold. 2 1/2 ft. Trade pkt., 25c; 1/4 oz., 40c; oz., \$1.40; 4 oz., \$5.00.			
<b>Prince of Orange.</b> True fistulosa type, new, largest well formed flowers. Glowing orange, more solid than AllDouble. Best variety for shipping. When 6 to 8 inches high, pinch so as to make them branch. 2 1/2 ft. tall. Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.80.			
<b>Lieb's Winter Flowering.</b> Mahogany brown with golden yellow crested center. Trade pkt., 50c; 1/4 oz., \$1.00.			
<b>Australian Tall Tree.</b> 4 1/2 ft. Golden yellow and brown. Latest for winter blooming. Trade pkt., 25c; oz., \$1.00.			

### Mignonette

<b>True Machet.</b> Vaughan's Selected Stock. The seed we offer produces dwarf, vigorous plants of pyramidal growth, with thick, stout flower stalks. 1/4 oz., 25c	Tr. pkt.	Oz.	
	\$0.15	\$0.80	
<b>Giant Rocket.</b> Mammoth red spikes. . . . .	.15	.50	
<b>New York Market.</b> This is an extra choice strain of Mignonette for greenhouse culture. Greenhouse grown seed. . . . .	1/4 oz., \$1.80	1.00	....
<b>The Ball.</b> The flower spikes are especially heavy and lighter in color than other varieties. . . . .	1/4 oz., \$1.80	1.00	6.00
<b>Giant Forcing Greenhouse Grown.</b> A very choice strain. Grown by a well known eastern private gardener. . . . .	1/8 oz., \$1.50	1.00	....



ANNUAL LARKSPUR Stock Flowered

### Annual Larkspur

Larkspurs are one of the annuals which have been introduced successfully as a greenhouse cut-flower proposition recently. The ease of culture, short time of production and low initial cost of seed make this one of the best catch crops a florist can plant.

**Giant Imperial.** A new race of annual Larkspur of up right growth, branching from the base of plant, producing more and longer flower stems for cutting:

<b>Blue Bell.</b> Fine medium blue, deeper than sky blue, lighter than lilac. . . . .	Trade pkt.	Oz.	
	lb., \$10.00	\$0.25	\$1.00
<b>Blue Cockade.</b> Rich lilac blue. . . . .	lb., \$20.00	.35	1.60
<b>Blue Spire.</b> Dark blue. . . . .	lb., 10.00	.25	1.00
<b>Carmine King.</b> . . . . .	lb., 10.00	.25	1.00
<b>Coral King.</b> Blush pink with a suffusion of coral. . . . .	lb., \$24.00	.40	1.80
<b>Daintiness.</b> Delicate lavender. . . . .	lb., 10.00	.25	1.00
<b>Dazzler.</b> Rich scarlet. . . . .	lb., 10.00	.25	1.00
<b>Exquisite Pink Improved.</b> Salmon-pink. . . . .	lb., 10.00	.25	1.00
<b>Exquisite Rose.</b> . . . . .	lb., 10.00	.25	1.00
<b>Gloria Improved.</b> Rich deep rose salmon lb., 14.00		.35	1.25
<b>Lilac Spire.</b> Beautiful lilac color. . . . .	lb., 10.00	.25	1.00
<b>Lilac Queen.</b> Lilac shading to lavender. . . . .	lb., 10.00	.25	1.00
<b>Los Angeles.</b> Salmony scarlet. . . . .	lb., 10.00	.25	1.00
<b>Miss California.</b> Deep pink on salmon. . . . .	lb., 10.00	.25	1.00
<b>White King.</b> Glistening pure white. . . . .	lb., 24.00	.40	1.80
<b>White Spire.</b> Pure white flowers. . . . .	lb., 10.00	.25	1.00
<b>Special Mixed.</b> From named sorts. . . . .	lb., 8.00	.20	.80
<b>Stock-Flowered.</b> Dark blue. . . . .	lb., 5.00	.20	.50
<b>Empress Rose.</b> Hermosa pink. . . . .	lb., 5.00	.20	.50
<b>La France.</b> Salmon pink. . . . .	lb., 5.00	.20	.50
<b>Lilac.</b> . . . . .	lb., 5.00	.20	.50
<b>Newport Pink.</b> 45 in. . . . .	lb., 5.00	.20	.50
<b>Rosamond.</b> Pure rose which does not fade . . . . .	lb., 6.00	.20	.60
<b>Rose Queen.</b> Deep rose pink without salmon shading . . . . .	lb., 8.00	.25	.75
<b>Sky-Blue (Ageratum)</b> . . . . .	lb., 5.00	.20	.50
<b>White.</b> . . . . .	lb., 5.00	.20	.50
<b>Special Mixed</b> from separate sorts. . . . .	lb., 3.60	.15	.30
<b>Improved Giant Hyacinth-Flowered, 45 in. Dark Blue, Pink, White, Purple, Lilac.</b> Each. . . . .	lb., \$8.00	.25	.80
<b>Mixed Improved Giant Hyacinth Fld.</b> . . . . .	lb., 6.00	.15	.60

See also Delphinium—Perennial pages.

# Vaughan's Giant Pansies

## Vaughan's Improved Swiss Giant Mixture

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.80; oz., \$6.00; 2 oz., \$11.50; 4 oz., \$20.00; lb., \$70.00.

## Vaughan's Super Swiss Giant Mixture

We have made a special mixture from three of our growers stock. Many of the flowers are five blotched. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers. Trade pkt., 50c; 1/8 oz., \$1.20; 1/4 oz., \$2.00; 1/2 oz., \$3.75; oz., \$7.00.

**Swiss Alpenglow.** Rich wine-red shades. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

**Swiss Berna.** Dark violet-blue. Trade pkt., 50c; 1/8 oz., 85c; 1/4 oz., \$1.50; oz., \$5.00.

**Swiss Blue (Ullswater. Thuner Sea).** The most distinct rich deep ultramarine blue with darker blue blotches. Ideal for cemetery planting. Trade pkt., 50c; 1/8 oz., 85c; 1/4 oz., \$1.50; oz., \$5.00.

**Swiss Luna.** Soft sulphur yellow self, round substantial flower with frilled edge. A delicate and lovely color. Trade pkt., 50c; 1/8 oz., \$1.50.

**Swiss Ophir.** Blotched golden yellow. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

**Swiss Pure Yellow.** The flowers are not so large as those of the other Swiss sorts. Trade pkt., 50c; 1/4 oz., \$1.35; oz., \$5.00.

**Swiss White.** Very free blooming, large well shaped flower. The best pure white Pansy. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$7.00.

**Swiss Rhinegold.** Canary yellow with dark blotches. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; oz., \$6.00.

**Geneva Giant.** A special selection of Swiss Giants. Trade pkt., \$1.00; 1/8 oz., \$2.25; 1/4 oz., \$4.20; oz., \$16.00.

## Swiss DWARF Mixed

For those who desire a dwarfer plant than the original type, we have had our grower make this selection. The colors are the same as in the original strain but the plant itself is considerably shorter. Trade pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.80; oz., \$6.00; 4 oz., \$20.00.

## Vaughan's Maple Leaf Giant Mixed

A distinct variety we introduced several years ago having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. A prize winner. Trade pkt., 50c; 1/8 oz., \$1.10; 1/4 oz., \$2.00; oz., \$7.00; 4 oz., \$25.00; lb., \$80.00.

## Vaughan's Super Maple Leaf Mixture

This strain is even finer than the above, with flowers of unbelievable size and texture, larger than in any other strain; while the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., 75c; 1/8 oz., \$1.30; 1/4 oz., \$2.50; oz., \$9.00.

## Vaughan's Giant Mixture

Besides a good share of the "Fancy" strains such as Masterpiece, Swiss Giants, etc., this mixture contains all the self colors such as white, yellow, blue, purple, red, bronze, etc., and is probably the best "general" high grade mixture obtainable. All the flowers are of the "Giant" type and of good shape and texture. Trade pkt., 50c; 1/4 oz., \$1.25; oz., \$4.00.

## Vaughan's International Mixture

This is a mixture of special strains such as Bugnot, Masterpiece, Swiss Giants, Triumph of the Giants, Boulogne Giants—all 3 and 5-spotted flowers of largest size and great substance in the most varied colors and color combinations. Since this mixture contains but very few self-colors, such as white, blue and yellow, these should be ordered separately if desired. Trade pkt., 50c; 1/8 oz., 90c; 1/4 oz., \$1.65; oz., \$6.00; 4 oz., \$20.00.

**How to Sow Pansy Seeds.** Sow the seeds in a cold frame in light soil without any fertilizer. Cover the seeds very lightly with the same soil and keep moist. Shade the seed bed with cheesecloth or a muslin screen, and as soon as all the plants are up remove the screen. Or you may sow them in a large pot or seed pan.

To be certain of fine, strong Pansy plants, we suggest the following, applying as a top-dressing by the end of March or early April:

2 parts dried blood      2 parts steamed bone meal      1 part potash



Delft  
Blue

Swiss  
Pure White

Swiss  
Rheingold

Swiss Blue

# Giant Pansies—Continued

SEPARATE SORTS Trade pkt. ¼ oz. Oz.

Adonis. Light blue, white center.....	\$0.25	\$0.40	\$1.40
Apollo. Bronze.....	.25	.50	1.80
Beaconsfield. Deep purple, upper petals white.....	.25	.40	1.40
Black. Large flowered, true black.....	.25	.50	1.60
Bugnot. Shades of red, bronze and cardinal..	.25	.70	2.40
Rembrandt. Compact habit of plant, long stemmed, five blotched, vivid bronze-orange	.50	1.35	4.80
Cardinal. Brilliant red.....	.25	.70	2.40
Delft Blue. Porcelain blue..... 1/8 oz., 90c	.50	1.65	6.00
Emperor William. Dark navy-blue.....	.25	.40	1.40
Fanal. Color of this new pansy is a brilliant scarlet without an eye. It is the first clear red pansy ever produced..... 1/8 oz., \$1.00	.35	....	....
Golden Queen, without blotches.....	.25	.40	1.40
Madame Perret. Shades of pink and rose..	.25	.40	1.40
President McKinley. Golden yellow, five spotted.....	.25	.60	2.20
Prince Henry. Darkest blue.....	.25	.40	1.40
Purple. Very large, rich deep purple.....	.25	.40	1.40
St. Knud. Giant orange flowers.....	.25	.70	2.40
White. With dark eye, very large.....	.25	.40	1.40
White. Pure without blotches.....	.25	.40	1.40
Yellow. With dark eye.....	.25	.40	1.40

# Double Nasturtium

Makes good cutting material as the flowers keep well in water and are quite fragrant. Semi-double flowers, on long, stiff stems.

Tall Golden Gleam. Semi-double, fragrant yellow. Trade pkt. Oz.	1/4 lb., 30c; lb., \$1.00	....	\$0.15
Orange Gleam. Orange.....		\$0.15	.60
Salmon Gleam. Golden salmon.....		.15	.50
Scarlet Gleam. Bright orange-scarlet... lb., \$1.40		.10	.20
Scarlet Gleam, Fusilier. Vivid orange-scarlet..	1/4 lb., 50c; lb., \$1.60	....	.15
Supreme. Salmon cerise.....		.15	.60
Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers..... Lb., \$1.20		....	.15
Dwarf Golden Globe. Dwarf type of Golden Gleam.	lb., \$2.20	....	.20
Scarlet Emperor. Scarlet Emperor has the full double flowers of a very rich deep scarlet color, a few shades deeper than Scarlet Gleam with dark green foliage..... 1/4 oz., 50c		.35	1.80
Gem Mixed..... 1/4 lb., 50c; lb., \$1.80		....	.20



NASTURTIUM Dwarf Double Golden Globe

## GIANT PANSIES—Continued

### GIANT MIXTURES

- America, Special Florist Strain.** Good substance with wide color range. Free flowering. Trade pkt., 50c; ¼ oz., \$1.60; oz., \$6.00; 4 oz., \$22.00; lb., \$70.00.
- Boulogne Giant Mixture.** The flowers are large size, great substance. Trade pkt., \$1.00; ½ oz., \$1.65; ¼ oz., \$3.00.
- Donovan's Strain.** Used by Michigan growers. Trade pkt., 50c; ¼ oz., \$1.40; oz., \$5.00; lb., \$55.00.
- Englemann's Special Mixture.** Scottish Show type, immense flowers, bronze and reddish shades, compact and early flowering. Trade pkt., 50c; ½ oz., \$1.20; ¼ oz., \$2.25; oz., \$8.00.
- Early Flowering Giant, Mixed.** These come into bloom 4 to 5 weeks before other varieties planted at same time. Trade pkt., 15c; ¼ oz., 30c; oz., \$1.00; lb., \$12.00.
- Masterpiece Giant Curled.** The colors are superb, mostly red and brown shades. Trade pkt., 25c; ¼ oz., 60c; oz., \$2.20.
- Mastodon.** Large-sized faced flowers, extra choice. Trade pkt., 50c; ¼ oz., \$1.60; oz., \$6.00.
- Paris Market Mixture.** Trade pkt., 25c; ¼ oz., 40c; oz., \$1.40; lb., \$16.00.
- Trimardeau Mixed.** Many colors. Trade pkt., 15c; ¼ oz., 30c; oz., \$1.00; lb., \$12.00.
- Triumph of the Giants.** A mixture of brilliant colored varieties made by a European grower. Trade pkt., 35c; ¼ oz., \$1.00; oz., \$3.20.



# Saintpaulia Ionantha Grandiflora (African Violet)

This beautiful dwarf, blue-flowered house plant (also known as Usambara Violet) has proven to be one of the most satisfactory house plants for the florist to sell. The large dark-blue flowers which resemble violets, are produced very freely; plants having as many as 25 blossoms and more at one time are not unusual. The attractive small velvety leaves, which are almost stemless, form a neat cushion from which rise these attractive flowers. The plants can be kept in flower throughout the year, given only a short rest period by withholding water. Complete, detailed cultural instructions are sent with the seed.

1-128 Oz., \$8.00. Trade Packet, \$1.00

- Ionantha Cordata.** Dark cordated leaves, strong growth and large flowers of a deep lavender color. Trade pkt. Oz. Blooms in 6 months from seed..... 1.00 ....
- Kewensis.** Small delicate green leaves. The shining blue flower, reminding one of violets, contrasts well with the light green rosette of leaves..... 1.00 ....

See page 28 for Viola Cornuta or "Horned Violet." These may be treated as annuals and are extremely useful for edgings or small beds. They delight in the sun and bloom continuously all summer.



PRIMULA Obconica Grandiflora Fassbender Red

### Primula Chinese Giant

Trade pkt. of any of the following, 250 seeds, each, 50c.  
**Chiswick Red Improved.** Red. **Covent Garden White.**  
**Giant Pink.** Extremely large petals of great substance.  
**Giant Salmon.** Massive heads of flowers of great substance.  
**Queen Mary.** Rose-pink. **True Blue.**  
**Giant Mixed.** Includes this year a number of new shades. Trade  
 pkt., 50c; 1/32 oz., \$2.20.  
**Vaughan's International Mixture.** Trade pkt., 50c; 1/32 oz., \$2.40.  
**Dazzler.** A brilliant and unique shade of orange-red, exceptionally  
 floriferous and long lasting, robust constitution. Award of Merit  
 R. H. S. 1934. Trade pkt., 250 seeds, \$1.00.

### Primula Stellata

This type is indispensable for general decorative work. The plants  
 are very floriferous and bloom for a long period. It is a good keeper,  
 the flowers remain fresh in water for many days.  
**Giant Blue Star.** **Giant Salmon Pink Star.** **Giant White Star.**  
**Giant Star Mixed.**  
 Each of the above, Trade Pkt. (250 seeds), 50c

### Primula Obconica

		Tr. pkt.
<b>Grandiflora Better Days</b> .....	1/64 oz., \$3.50; 1/32 oz., \$6.50	.....
<b>Muller Rose</b> .....	1/64 oz., 2.00; 1/32 oz., 3.75	.....
<b>Fassbender Red</b> .....	1/64 oz., 2.00; 1/32 oz., 3.75	.....

**We can offer the above varieties in Glass Tubes,**

		Tr. pkt.
<b>Gigantea Rosea. Fine</b> .....	1/32 oz., \$2.00	\$1.00
<b>Salmon Queen. 8 in.</b> .....	1/64 oz., 1.80	1.00
<b>Mixed</b> .....	1/32 oz., 1.80	.50
<b>Grandiflora Alba. White</b> .....	1/64 oz., 1.20	.50
<b>Appleblossom. Pink</b> .....		.50
<b>"Better Days." Deep carmine red.</b> Very large flowering. The compact, well-branched growth is very sym- metrical and the mass of flower heads show evenly above the dark green foliage, on strong stems....	1/64 oz., \$2.80	1.00
<b>Coerulea Blue. 12 in.</b> .....	1/64 oz., 2.50	.50
<b>Dark Blood Red. New</b> .....	1/64 oz., 2.80	1.00
<b>Fassbender Red. Flowers rich deep red, of enormous size</b> .....	1/64 oz., \$1.70; 1/32 oz., \$2.80	1.00
<b>Lachsrosa (Friesdorf). A beautiful salmon-rose</b> .....	1/64 oz., \$1.60	.50
<b>Mueller's (Berlin) Rose</b> .....	1/64 oz., 1.40	1.00
<b>Mohnstein's Dark Red</b> .....	1/64 oz., 1.80	1.00
<b>Rhine Pearl. Large dark salmon- carmine</b> .....	1/64 oz., \$2.00	1.00
<b>Rose Queen. Large, perfect blooms of great substance, bright carmine rose</b> .....	1/64 oz., \$1.80	1.00
<b>Ruby. Free bloomer, flowers rich ruby red with a salmon undertone. Flowers do not turn blue with age.</b> .....	1/64 oz., \$1.80	1.00
<b>Mixed</b> .....	1/32 oz., 1.20	.50



PRIMULA Malacoides Double White

### Primula Various Sorts

		Tr. pkt.
<b>Malacoides (Baby Primrose). Light lilac. Very graceful; fine summer and winter-blooming plant, blooming within four months. 15 in.</b> .....	1/8 oz., 90c	\$0.50
<b>Courtland Seedling. Clear lilac pink, very brilliant</b> .....	1/32 oz., \$2.00; 500 seeds, 60c; 1000 seeds,	1.00
<b>Dawkin's Carmine Pink</b> .....	500 seeds, 60c; 1000 seeds,	1.00
<b>Salmon Rose</b> .....	1/32 oz., \$1.20	.50
<b>Princess Mary. Deep rose pink</b> .....	1000 seeds	.50
<b>Rosea Superba. Beautiful pink</b> .....	1/16 oz., \$1.00	.50
<b>Snow Queen. Single white</b> .....	1000 seeds	1.00
<b>Double White. A new and popular sort</b> .....	1/32 oz., \$1.80; 1000 seeds	.50
<b>Erikssoni, Baby Rose. Deep rose</b> .....	1/32 oz., \$2.00; 800 seeds,	1.00
<b>Baby Doll. Frilled deep pink</b> .....	800 seeds,	1.00
<b>Brilliancy. Opens lavender chang- ing to crimson-red. 500 seeds</b> .....	500 seeds,	1.00
<b>Snow King. Pure white</b> .....	500 seeds,	1.00
<b>New Baby. Lavender-pink</b> .....	800 seeds,	1.00
<b>Salmon Beauty. True salmon</b> .....	1/64 oz., \$2.00; 800 seeds,	1.00
<b>Wonder Baby. Pink</b> .....	800 seeds,	1.00
<b>Mixed</b> .....	1/32 oz., \$1.80	.50
<b>Race Oranienburg (Dr. Bohnert). Produces round, closed flowers one- inch and more in diameter, very free- blooming, well rounded flower. Color bright violet with yellow eye. Splen- did for cut and pot culture.</b> .....	1/32 oz., \$2.00	.50
<b>Kewensis. Yellow. Decorative, winter flowering greenhouse plant. 12 in.</b> .....	1/32 oz., \$1.50	.50



PRIMULA Malacoides Dawkin's Carmine Pink



STOCKS Giant Bismarck Shasta

# Stocks

Varieties preceded by (★) star are the most popular colors.

## "NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft high and can be planted close together in the bench which makes them a profitable type. Are in season with Bismarck variety.

- American Beauty, (deep rose)
- Crimson
- Light Blue
- Ruby (Illusion). A good color for greenhouse.
- ★Silvery Lilac. Lilac lavender
- ★White
- Brilliant Rose
- Dark Blue
- Moonlight, light yellow.

Each of the above: ½ trade pkt., 60c; 1,000 seeds, \$1.00; ¼ oz., \$1.25; ¼ oz., \$2.25; oz., \$8.00.

★Chamois Pink. ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$1.40; ¼ oz., \$2.60; oz., \$10.00.

- Ball Blue. ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$2.50.
- Malmaison Pink. ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$1.40.
- Satin Rose. ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$1.40.
- Snowbank. Medium long stemmed early flowering pure white. ½ trade pkt., 60c; trade pkt., \$1.00; ¼ oz., \$2.50; oz., \$8.00.
- Non-Branching Column, Mixed. All colors. ½ trade pkt., 50c; Trade pkt., 75c; ¼ oz., \$1.20.

## STOCKS—Continued GIANT BISMARCK

The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers. If planted closely they make one spike with hardly any side branches.

Antique Copper Appleblossom. (Used by many for white).

- ★Buttercup. Deeper shade than Gold Ball.
- ★Chamois Dark Blue Elk's Pride. Royal purple.
- Flesh Fiery Blood-Red Gold Ball
- Golden Rose ★Lavender ★Lilac
- Old Rose ★Rose

★Shasta. Vigorous, glistening white. Trade pkt. Oz.

Each of the above. . . . . ¼ oz., 60c; ¼ oz., \$1.00 \$0.35 \$3.00  
 Giant Bismarck, Mixed. All colors. . . ¼ oz., .60 .25 2.20

★White Wonder. It is a tall growing variety of the Bismarck type in habit. Sow to follow "Mums." The heads are very large and the individual flowers are closely set and of extraordinary size. . . ¼ oz., \$1.20 .50 8.00

## GIANTS OF CALIFORNIA

This magnificent group comes very early having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

- Blood Red "The Red Woods"
- Blue "Pacific"
- Chamois "Santa Barbara"
- Lavender "Tahoe"
- Pink "Monterey"
- Rose "Yosemite"
- White "Santa Maria"
- Yellow "Golden Gate"

Each of above, Trade pkt., 35c; ¼ oz., 65c; oz., \$4.00.  
 Mixed, the above, Trade pkt., 25c; ¼ oz., 60c; oz., \$3.40.

## GIANT PERFECTION—Cut and Come Again

- Canary (Yellow)
- La France (Flesh)
- Sapphire (Dark Blue)
- Scarlet
- Sky Blue (May Queen)
- Rose
- White (Improved Snowdrift)
- Empress Augusta Victoria, (Silvery lilac.)

Heatham Beauty. Rose shaded terra cotta. Trade pkt. Oz.

Each of the above. . . . . ¼ oz., 60c; ¼ oz., \$0.35 \$0.25 \$2.20  
 Giant Perfection, Mixed. All colors. . . ¼ oz., .50 .25 1.80

## Streptocarpus (Cape Primrose)

### NEW ENGLISH HYBRIDS

A superb strain with a wide range of colors. Lovely in shades of pink, mauve, lavender, white, deep rose, carmine and blue, some with white throats, others penciled. The flowers attain a diameter of 2 inches and over, similar to Gloxinias. They are borne on wiry stems and last long when cut. A fine pot plant for winter-blooming. The seeds are small and require but very little covering. For soil use the same as for Gloxinias and should be grown rather cooler than Gloxinias.

- Red
- Sky Blue
- Rose
- Snow White

Each of the above, Tr. pkt., \$1.00  
 Largest Hybrids Mixed, Tr. pkt., \$1.00; ¼ oz., \$1.80

STREPTOCARPUS



# Sweet Peas Early Flowering Spencer Novelties

## INTRODUCERS' DESCRIPTIONS

4 ounces and upward of one variety supplied at pound rate. Less than 4 ounces of one variety at ounce rate. Duplexed varieties often have 3 to 4 standards and the same number of wings, giving the appearance of a semi-double flower.

All our Sweet Pea seed sent to you will be treated with Cuproicide (red copper oxide), unless ordered without this treatment.

Various sowings have proved that Sweet Pea seeds treated with Cuproicide are less liable to rot, especially during the germination period in the ground. We believe that seeds treated with Cuproicide will give you a greater percentage of germination than untreated seeds which have a tendency to rot in soil that is too wet.

Sweet Pea seed treated with Cuproicide **must not be soaked before sowing.**

★We recommend the starred varieties as the best of their colors.

**Boon.** Deep salmon pink on light cream ground.  $\frac{1}{2}$  oz., 20c; oz., 35c; lb. \$4.00.

**Bridesmaid.** A charming deep silvery pink color with stems unusually long. The flowers are large and bold and have great substance which will make it ideal for shipping. Growth vigorous.  $\frac{1}{2}$  oz., 20c; oz., 35c; lb., \$4.00.

**Chime.** A most pleasing shade of light salmon pink on cream ground.  $\frac{1}{2}$  oz., 25c; oz., 40c; lb., \$4.20.

**Colleen.** Sprays of four sweetly fragrant, brilliant rose suffused with gold blooms. Turning to a rich golden rose under artificial light.  $\frac{1}{4}$  oz., 40c; oz., \$1.20.

**Danube** is a bit lighter than Mrs. Hoover and a shade deeper than Blue Bonnet. This magnificent mid-blue is best suited for color work in the daytime, when it shows off to perfection. Large, ruffled blooms of a clear lavender blue, on long straight stems in sprays of four.  $\frac{1}{4}$  oz., 40c; oz. \$1.20.

**Daphne.** This new sweet pea is a soft salmon pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards. Many of the blooms are duplex and borne on long and stout stems. Was exhibited at the International Flower Show in New York where it was awarded a Silver Medal. New seed will be ready after harvest in July. Oz., \$1.50;  $\frac{1}{4}$  lb., \$5.00; lb., \$17.50.

**Emblem.** Outstanding for its unusually long stems on which are borne three and four bright salmon cream pink flowers, beautiful salmon-pink tone on the cream ground.  $\frac{1}{2}$  oz., 70c; oz., \$1.20.

**Florist Blue.** The color is a clearer and purer blue, the stems are longer and the plant has more vigor than any other blue Sweet Pea introduced.  $\frac{1}{2}$  oz., 60c; oz., \$1.00; lb., \$14.00.

**Florist Rose.** The color is a pure rose-pink, richer and slightly deeper than the popular Annie Laurie. The blooms are immense. It is very floriferous and a long, continuous bloomer.  $\frac{1}{2}$  oz., 60c; oz., \$1.00; lb., \$14.00.

**Josie.** This variety is without doubt the largest and longest stemmed Pink Sweet Pea in existence. There is not even one of the Summer Flowering which can show larger and longer stems. Free bloomer. Plant after "Mums"  $\frac{1}{2}$  oz., 20c; oz., 35c; 4 oz., \$1.20; lb., \$4.00.

**Mariner.** A vigorous grower, four large flowers being borne on long, stout stems. The clear blue flowers are practically without any tint of mauve shading at any stage.  $\frac{1}{2}$  oz., 70c; oz., \$1.20.

**Mother Machree.** A golden rose suffused coral. The flowers are large and perfectly formed on long stems. Strong grower.  $\frac{1}{2}$  oz., 20c; oz. 30c; 4 oz., \$1.00; lb., \$3.80.

**Sequoia.** A rich golden salmon cerise pea, frilled and wavy. The flowers are enormous on long stout stems and the plants strong vigorous growers.  $\frac{1}{2}$  oz., 20c; oz., 35c; lb., \$4.00.

**Shirley Temple.** The color is softer and more beautiful than Pinkie. It has long stems with four very large blooms on each stem.  $\frac{1}{2}$  oz., 25c; oz., 40c; lb., \$4.00.

**Sonnet.** The flowers are very large, borne on long stout stems by very vigorous growing vines. The flowers are bold, although very large, and the delicacy of the soft pink shade makes a truly sweet bunch.  $\frac{1}{2}$  oz., 70c; oz. \$1.20; lb., \$16.00.

**Star.** A sparkling rose-pink on white ground with a delightful salmon shading. The large, bold flowers are usually produced in fours on very long, stout stems.  $\frac{1}{2}$  oz., 70c; oz., \$1.20; lb., \$16.00.

**Sunproof Orange.** Of a bright scarlet orange hue—with a hint of more orange in the standard.  $\frac{1}{2}$  oz., 75c; oz., \$1.40; lb., \$18.00.

**Top Hat.** Deep purple-blue.  $\frac{1}{2}$  oz., 75c; oz., \$1.40; lb., \$18.00.

**Triumph.** The color is lovely soft lilac-mauve—a beautiful clear shade without any tinge of purple or blue. Received first class certificate at 1936 spring show of the Dutch Horticultural Society.  $\frac{1}{2}$  oz., 25c; oz., 40c; lb., \$5.00.

**Zvolanek's Salmon.** Salmon cerise, large flowers, strong stems.  $\frac{1}{2}$  oz. 30c; oz., 50c; 4 oz., \$1.65; lb., \$6.00.

**Zvolanek's Supreme Orange.** Salmon cerise, large flowers, strong stems.  $\frac{1}{2}$  oz., 30c; oz., 50c; 4 oz., \$1.65; lb., \$6.00.

## General List Early Flowering Spencer

### According to Color

Any of the below, except where noted otherwise.  $\frac{1}{2}$  oz., 20c; 1 oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.40.

### BLUE

**Ball Blue.** Clear mid-blue, good bloomer.

**Blue Bird.** Superseded by Mrs. Hoover.

**Blue Bonnet.** Extra large, fine deep blue.

**Blue Boy.** Clear blue.

★**Mary Louise Bok.** A very choice Veronica-blue, is the best blue on the market. It is slightly deeper in color than Mrs. Herbert Hoover and a better producer, the stems are heavy.

★**Mrs. Herbert Hoover.** "The California Blue." Vigorous growth, great length of stem, uniform blue.

### LAVENDER

**Burpee's Lavender.** Lovely light Wisteria lavender.

**Fragrance (Intermediate).** Large frilled lavender flowers, sweetly fragrant.

**Greeting.** Clear lavender, fine commercial early sort.

★**Harmony.** Lavender.

**Lavanda.** Large clear lavender flowers.

**Lavender King.** Lavender.

**Michigan.** A mammoth dark, pure lavender.

**Sweet Lavender.** A pure lavender self.

★**Vogue.** An improved Early Harmony, standard lilac lavender, flushed rosy lavender and wings clear lilac-lavender. Delicious fragrance.



SWEET PEA Early Flowering Spencer Sequoia

# Sweet Peas, Early Flowering Spencers — Continued

Any of the below except where noted otherwise 1/2 oz., 20c; 1 oz., 30c; 1/4 lb., \$1.00; lb., \$3.40.

## ROSE AND PINK

- Annie Laurie. Richest tone of pure rose pink.
- American Beauty. Strong, heavy growth, good thick, long stems, a rich crimson rose.
- ★Ball Rose Improved. Extra rich deep rose.
- Chevalier. Magnificent cerise-rose.
- Colossal Rose. Largest rose pink, long stem.
- Columbia (Intermediate). Salmon rose standard, white wings.
- ★Eileen. Rich Begonia-rose with salmon shading.
- Exposition Pink. Large waved rich pink long stems.
- Fandango. Bright rose.
- Fascination. Rose pink, long stems, strong grower.
- Giant Rose. Rose-pink.
- Imperial Pink. Clear pink, enormous size.
- ★Jeanne Mamitsch. Striking pink, shading off to deepest pink.
- ★Laddie. An enormous rose-pink.
- Majestic Rose. Immense deep rose-pink flowers on long stems.
- ★Mrs. Holscher. Rose-pink.
- Mrs. Reddick. A light shell pink on a white ground.
- Pride. Pure cerise, large flowers, on long stems.
- Ramona. A delightful luminous coral rose with yellow and pink shadings blended to make an exquisite shade of geranium pink. 1/2 oz., 25c; oz. 40c; lb., \$4.80.
- Success. Sparkling rose pink on white ground.
- Sunray. Brilliant glowing yet soft cerise on cream ground.
- Zvolanek Rose. A giant rose-pink; sow to follow the "mums."

## SALMON

- ★Apollo. A soft salmon cerise. Flowers large, long stemmed.
- Attraction. Bright salmon pink.
- Mrs. Kerr. Salmon.
- ★Mrs. Calvin Coolidge. Rich salmon, pink.
- Spring Song. Salmon-pink on cream ground.

# Schizanthus

Use Schizanthus flowers in corsages. They are long lasting and make up very attractively.

### VAUGHAN'S DWARF MASTERPIECE

This is to our knowledge the best strain of Schizanthus in existence. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well-balanced from light pink to rose, very pleasing dark violet, all with conspicuous blotches. A splendid item for Mother's Day. Trade pkt., 50c; 1/16 oz., \$1.00.

- Vaughan's Excelsior Hybrids. An extra select strain Trade pkt. Oz. with large flowers containing a perfect blend of colors for greenhouse culture. Makes a fine cut flower.
 

..... 1/8 oz., \$1.00	\$0.50	....
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- Grandiflorus Hybridus Red Shades. Dwarf and compact.
 

.....	.35	....
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- Pansy-flowered. The large smooth-edged Pansy-flowered blooms are remarkably substantial, while the rich self-colors in all shades of pink, crimson, mauve and purple, as well as white, are extremely bright and attractive.
 

..... 1/32 oz., \$1.00	.50	....
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- SAPONARIA Vaccaria Rose. Incorrectly spoken of as Pink Gypsophilia. The light graceful sprays of glistering flowers produced in greatest profusion.
 

..... lb., \$1.40	....	\$0.15
Vaccaria Alba. White..... lb., 1.40	....	.15
- STATIC STUROWOII. Russian. Also known as "Rat Tail." Flowers bright rose color. Sow inside for winter blooming.
 

..... lb., \$6.00	.15	.60
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- STEVIA Serrata. White, fine cut-flower. 1/4 oz., 40c.
 

.....	.25	1.40
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## ORANGE

- Ball Orange Improved. 1/4 oz., 30c; 1/2 oz., 50c; oz., 75c.
- Ball's Orange. Clear rich orange.
- Burpee's Orange. Glistening orange.
- Forty-Niner. Deep yet bright true orange shade.
- Glitters. Bright fiery-orange, wings deep orange.
- Prosperity. Orange salmon suffused with amber.
- ★Valencia. Color bright orange, sun-proof.
- Zvolanek's Orange Beauty. Extra large long stemmed, free blooming, fiery orange. Fine florist variety, exceptionally good color and does not burn.

## SCARLET

- ★Grenadier. A glowing poppy-scarlet.
- Redwood. A deep, bright-rich crimson. The flowers are large, well placed on long, stout stems and nicely waved. 1/2 oz., 25c; oz., 40c; lb., \$4.00.
- Vulcan. Vivid scarlet; never burns.

## WHITE

- ★Hope. A mammoth flowered black seeded pure white. 1/2 oz. 25c; oz., 35c; lb., \$4.00.
- White Harmony. A standard black-seeded white.
- Ball's White. A white-seeded white, rich fragrance. Extra long stems, highly recommended. 1/2 oz., 30c; oz., 50c; lb., \$5.50.
- Burpee's White. 1/2 oz., 30c; oz., 50c; lb., \$5.50.
- Snowstorm Improved. White, of great substance.
- White Twin. Pure white, long stem. When it is only 12 inches high it starts to bloom, when it is 2 feet high it starts to branch, producing after each leaf two and sometimes even three perfect stems with three to four flowers on each. 1/2 oz., 25c; oz., 40c; 4 oz., \$1.20; lb., \$4.20.
- Zvolanek's White Rose.

## MISCELLANEOUS

- Amethyst. An early-flowering "Royal Purple."
- Early Flowering Spencer. Vaughan's special mixture from named sorts. 1/2 oz., 20c; oz., 30c; 4 oz., \$1.00; lb., \$3.40



SCHIZANTHUS Vaughan's Masterpiece



ACHILLEA The Pearl.  
Tr., pkt., 25c; ¼ oz., 50c; 1 oz., \$1.80.



ANCHUSA Myosotidiflora.  
Tr., pkt., 50c; ¼ oz., \$1.60; 1 oz., \$6.00.  
One of the most attractive of spring bloom-  
ing perennials. A real gem for the border.



ANTHEMIS Tinctoria

## Seeds of Biennials and Hardy Perennials

Perennials fill a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals, quite a few may be forced, others make fine pot plants and many furnish splendid cutting material. The rock garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

### SEED GERMINATES SLOWLY AND IRREGULARLY

of the following varieties and seed bed should be prepared where it will be undisturbed for a year or more.

Acanthus Mollis, Aconitum, Adonis Vernalis, Anemone, Asperula Odorata, Clematis, Delphinium Cardinale, Delphinium Zalil, Delphinium Nudicaule, Dictamnus, Dielytra, Doronicum, Gentiana, Hel-leborus Niger, Incarvillea, Iris, Peony, Phlox Decussata, Primulas (Alpine) Trollius and nearly all Alpines.

<b>Acaena</b> Glauca. X Silvery-blue foliage, for carpeting and rock steps, 2 in. . . . .	Trade	pkt.	Oz.
Microphylla X Brownish foliage, 2 in. . . . .			
<b>Acanthus</b> Latifolius (Bear's Breech), 3 ft. . . . .	lb.	\$3.00	.10 \$0.30
<b>Achillea</b> Ageratum. X Yellow, scented, 24 in. . . . .			.25 1.20
<u>Filipendula, Parker's Var.</u> A splendid cut flower. The flowers, if cut when fully open, may be dried for later use. Yellow, 4 to 5 ft. . . . .			
Millefolium Kelwayi. Magenta red, 18 in. . . . .	¼ oz.	60c	.25 2.20
Cerise Queen. Dark cherry-red, 24 in. . . . .	¼ oz.	80c	.35 . . . .
Rubra, Magenta red, 24 in. . . . .	¼ oz.	50c	.25 1.80
<b>Parmica</b> Fl. Pl. The Pearl. Abundant small white flowers, for cutting, 30 in. . . . .	¼ oz.	50c	.25 1.80
Perry's White. The best white. . . . .	¼ oz.	\$1.00	.35 . . . .
<b>Tomentosa</b> Aurea. X Ferny green mats, golden umbels, 6 in. . . . .	¼ oz.	\$1.20	.50 . . . .
<b>Aconitum</b> (Monk's Hood). Fischeri. Large pale blue flowers, 30 in. . . . .	¼ oz.	50c	.25 1.80
Napellus. Dark blue, 36 in. . . . .	¼ oz.	45c	.25 1.40
Wilsoni. Rich blue, 6 to 7 ft. . . . .	¼ oz.	50c	.25 1.80
Mixed. . . . .	¼ oz.	50c	.25 1.60
<b>Adlumia</b> Cirrhosa. Allegheny Vine. Hardy climber. . . . .			.25 . . . .
<b>Adonis</b> Vernalis (Flower of the Gods, Ox Eye). Golden yellow, 12 in. . . . .	¼ oz.	50c	.25 1.80
<b>Aethionema</b> Coridifolium (Lebanon Candytuft). Light mallow purple, 8 in. . . . .	¼ oz.	\$1.50	.50 . . . .
<b>Agatheia</b> Coelestis (Blue Daisy), 40 in. . . . .	¼ oz.	40c	.25 1.20
<b>Agrostemma</b> Coronaria Atrosanguinea (Rose Campion). Deep blood-red, 28 in. . . . .			.10 .30
Coronaria, Mixed. . . . .			.10 .20
Flos Jovis. Carmine-rose, 16 in. . . . .			.10 .40
Hybrida Walkeri. Brilliant rosy-purple, 16 in. . . . .			.10 .40
<b>Allium</b> Pulchellum. X Brilliant loose clusters of reddish lilac flowers, August, 16 in. . . . .	¼ oz.	80c	.35 2.60
<b>Allwoodii</b> , see Dianthus. . . . .			.50 . . . .
<b>Aisine</b> Gracilis, X White, 6 in. . . . .			.50 . . . .
<b>Alstroemeria</b> Aurantiaca. Orange, streaked with red, 3 to 4 ft. . . . .			.35 2.40
Chilensis (Pulchella). Yellow with red streaks, 3 ft. . . . .			.25 1.80
<b>Alyssum</b> X Argentum. Yellow-flow'r'd, 24 in. . . . .	¼ oz.	60c	.25 2.00
Rostratum. Yellow, 16 in. . . . .	¼ oz.	70c	.25 2.40

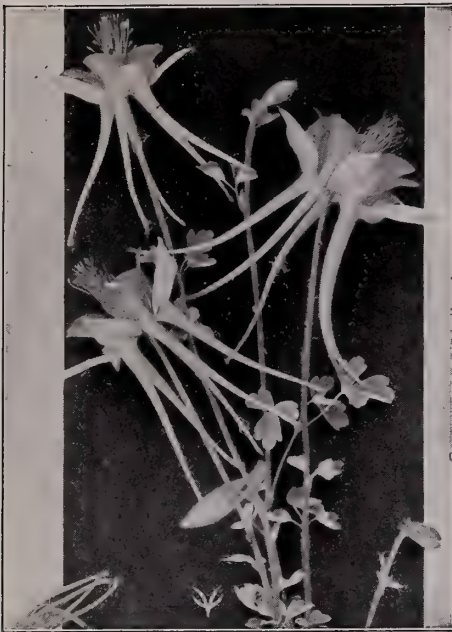
<b>ALYSSUM—Continued</b>	Trade	pkt.	Oz.
Saxatile Compactum (Gold Dust), 12 in. . . . .			\$0.15 \$0.80
Sulphureum. Sulphur-yellow, 15 in. . . . .	¼ oz.	25c	.15 .80
Serpyllifolium. Yellow, 6 in. . . . .	¼ oz.	\$1.35	.50 5.00
Rock Garden Perennial Species, Mixed. . . . .	¼ oz.	1.00	.35 . . . .
<b>Ampelopsis</b> Veitchi, Boston Ivy. Clean seed. . . . .	lb.	2.00	.10 .20
<b>Anchusa</b> Angustifolia. Navy-blue, 36 in. . . . .			.25 1.40
Italica, Dropmore Variety. Large, Gentian-blue, excellent perennial for cutting, 6 ft. . . . .	lb.	\$4.00	.15 .40
<u>Dwarf Dropmore Variety.</u> Neat habit, flowers brighter blue than preceding. 3 ft. . . . .	¼ oz.	70c	.25 2.40
Lissadell. Clear gentian-blue. 6 ft. . . . .			.15 .60
<b>Myosotidiflora</b> . X Beautiful Forget-Me-Not-blue, 15 in. . . . .	¼ oz.	\$1.60	.50 6.00
<b>Anemone</b> (Windflower), Coronaria. Mixed, very showy, 18 in. . . . .	lb.	\$5.00	.15 .50
Coronaria. Blue . . . . .	¼ oz.	40c	.25 1.40
<u>Creagh Castle Strain.</u> Large color range. . . . .	¼ oz.	\$2.70	1.00 10.00
<u>His Excellency.</u> X Single, scarlet, 1 ft. . . . .	¼ oz.	45c	.25 1.40
<u>The Governor.</u> X Double bright scarlet. . . . .	¼ oz.	75c	.35 2.60
<u>St. Brigid's Hybrids (Irish Champions).</u> Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors, 18 in. . . . .	¼ oz.	\$1.20	.50 4.00
St. Brigid. Regular strain, 18 in. . . . .			.25 1.60
Pulsatilla. X Violet-lilac, 12 in. . . . .	¼ oz.	60c	.25 2.20
Rubra. X red, 12 in. . . . .	¼ oz.	\$1.20	.50 . . . .
Sylvestris. X White, large-flowered, 12 in. . . . .	¼ oz.	50c	.25 1.60
<b>Antennaria</b> Margaritacea (Cat's Ears—Cat's Foot). White everlasting, 2 ft. . . . .	¼ oz.	\$1.00	.35 . . . .
<b>Anthemis</b> Kelwayii (Hardy Marguerite). Daisy-like yellow blossoms, produced all summer, 3 ft. . . . .			.15 .50
Kelwayii Alba. Hardy white Marguerite, 3 ft. . . . .			.15 .60
Montana. X Charming species producing pure white flowers in abundance, 12 in. . . . .	¼ oz.	40c	.25 1.40
Tinctoria. Very useful yellow border plant, 2 to 3 ft. . . . .			.15 .50
<u>Perry's Variety.</u> Pale golden yellow, 2 ft. . . . .	¼ oz.	40c	.25 1.40

Rock Plants are followed by X and the heights given are of the plants when in bloom.

Unless otherwise quoted we supply ¼ ozs. at the ounce price and 4 oz. (of a variety) at the pound price.



Seeds of Biennials  
and Hardy Perennials



AQUILEGIA—Mrs. Scott Elliott's Strain.



ARMERIA Ruby.  
Tr. pkt., 50c; 1/8 oz., \$1.00.



ARABIS Alpina.  
Tr. pkt., 10c; oz., 40c.

**AQUILEGIA X (Columbine)**

	Trade pkt.	Oz.	
Alpina. Blue, 24 in.....	1/4 oz., 50c	\$0.25	\$1.80
California Hybrids. 3 ft.....	1/4 oz., 50c	.25	1.80
Canadensis. Old rose with yellow, 30 in....	1/4 oz., 50c	.25	1.80
Chrysantha. Light chrome-yellow, fine, 36 in.	1/4 oz., 45c	.25	1.50
Fl. Pl., 60 to 70 per cent of light chrome-yellow double flowers, 36 in.....	1/8 oz., 65c	.25	....
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft.....	1/4 oz., 50c	.25	1.80
Grandiflora Sulphurea, sulphur yellow.....		.35	....
Clematiflora. European novelty. Spurless.....		.50	....
Coerulea. X Blue, Rocky Mt. Columbine, 1/4 oz., 50c		.25	1.80
Mrs. Nicholls. Deep blue and bolder flower than Coerulea.....	1/8 oz., \$1.40	.50	....
Rose Queen. Shades of rose with white center, 30 in. .....	1/4 oz., 50c	.25	1.80
Dobbie's Imperial Hybrids. A very fine selection made by a European hybridizer.....	1/4 oz., 50c	.25	1.80
Flabellata Nana Alba. Pure white early flowering 12 in.....	1/8 oz., \$1.00	.35	....
Glandulosa Vera. Enormous, spurless flowers of the loveliest and purest sapphire with white centers, 12 to 18 in.....	1/16 oz., \$1.80	.75	....
Jaetschaui. Large yellow with red spurs, 36 in.	1/4 oz., 60c	.25	2.20
Longissima. Long spurred delicate yellow (200 seeds) . .		.50	....
Long-Spurred Varieties. Choice mixed, 30 in., 1/4 oz., 45c		.25	1.40
Blue Shades.....	1/4 oz., 80c	.35	2.80
Copper Queen. Copper red, straw colored corolla, 18 in.....	1/4 oz., \$1.00	.35	3.60
Crimson Star. Crimson, white corolla. 1/8 oz., 1.30		.50	....
Orange and scarlet shades.....	1/4 oz., 85c	.35	3.00
Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc.....	1/4 oz., \$1.20	.50	4.00
Rainbow Mixture of Colorado varieties. Many charm- ing colors of our native Columbine.....	1/4 oz., 70c	.35	2.40
Skinneri. Scarlet spurs with yellowish-green corolla.		.25	2.20
Vulgaris Compacta Edelweiss. The plants are 16 to 20 inches high, and covered with large, erect, snow-white blossoms in early spring. 1/4 oz., 80c		.25	....
Double White. 30 in.....	1/4 oz., 50c	.25	1.80
Double Old Rose. 36 in.....	1/4 oz., 70c	.25	2.40
Vaughan's Special Mixture.....	1/4 oz., 80c	.35	2.80

	Trade pkt.	Oz.	
Arabis X Alpina. White, 1 ft.....	1 lb., \$4.80	\$0.10	\$0.40
Alpina Grandiflora Superba. X Large white, 1 ft.....		.15	1.00
Nana Compacta. X 8 in.....	1/4 oz., 60c	.25	2.00
Rosea, Pink. 1 ft.....	1/8 oz., \$1.00	.35	....
Billiardieri Rosea. Dwarf, pink, 8 in.....	1/16 oz., 1.00	.50	....
Arenaria Montana X. White, 12 in.....	1/8 oz., 1.20	.50	....
Aristolochia Siphon (Dutchman's Pipe). Large-leaved..		.25	1.20
Tomentosa. Small leaf.....		.15	.80
Armeria X Alpina. Deep rose, 12 in.....	1/8 oz., \$1.20	.50	....
Formosa. Red, 2 ft.....	1/4 oz., 50c	.25	1.60
Formosa Hybrida. 2 ft.....	1/4 oz., 40c	.25	1.40
Giant Pink. Immense flowers borne on long, stout stems.....	1/8 oz., \$1.00	.50	....
Laucheana. Rosy crimson, 9 in.....	1/4 oz., 90c	.35	3.20
Maritima. Lilac-rose, 12 in.....	1/4 oz., 90c	.35	3.20
Ruby. Deep rose-colored flowers, 24 in.....	1/8 oz., \$1.00	.50	....
Arnica Montana (Mountain Tobacco or Snuff). X Yellow, fragrant, 20 in.....	1/4 oz., 60c	.25	2.00
Asclepias Tuberosa (Butterfly Weed). Orange, fine, 24 in.....	1/4 oz., 60c	.35	2.00
Asparagus Verticillatus. Hardy Climbing Asparagus. Red berries.....	1/4 oz., 60c	.25	2.00
Asperula Hexaphylla. White, excellent for cutting, 3ft.		.15	.80
Odorata (Woodruff). Very odoriferous, white, 12 in.		.15	.90
Asphodelus Luteus. Yellow, fragrant, 3 ft. 1/4 oz., 50c		.25	1.80
Aster Perennial. Choice mixed.....	1/4 oz., 50c	.25	1.80
Perennial, Large-Flowering Vars., mixed 1/4 oz., 65c		.35	2.20
Alpinus Light blue, 1 ft.....	1/4 oz., 65c	.35	2.20
Albus. Pure white. 1 ft.....	1/4 oz., 70c	.35	2.60
Dark Beauty. Deep blue, 1 ft.....	1/8 oz., \$1.50	.50	....
Goliath. X Soft blue, 15 in.....	1/4 oz., 80c	.35	2.80
Nixe. X Light blue, 12 in.....	1/4 oz., 80c	.35	2.80
Ruber. Rosy lavender (varies).....		.50	....
Mixed, 15 in.....	1/4 oz., 60c	.35	2.00
Amellus Hybridus. A good mixture, 30 in.....	1/4 oz., 80c	.35	2.80
Beauty of Ronsdorf. Large lilac-rose flowers in great profusion; plants two feet high, branching freely; blooms in August-Sept.; 30 in. 1/4 oz., 90c		.50	3.20
Roseus. Very like the Beauty of Ronsdorf, except in color, which is a clear rose, 30 in. 1/4 oz., 90c		.50	3.20
Farreri. X Color is a soft tone of violet-mauve, with large golden orange disk, and flowers are from 2 to 3 inches across. June and July; creeping. 1/4 oz., 70c		.35	2.60
Rotundifolius. X Bright yellow discs are surrounded with ray florets of a fine forget-me-not blue, 6 in.		.50	....
Sub-Coeruleus. Star of Eisenach. X Bright lavender- blue Marguerites with yellow centers measuring more than four inches across, May and June... .....	1/4 oz., \$1.40	.35	4.80
Yunnanensis. Brilliant lilac-blue, flowers in early summer, 15 in.....		.50	....
Auricula. See Primula.			

Rock Plants are followed by X and the heights given are of the plants when in bloom.



BELLIS Perennis Fl. Pl. Superbissima Giant White



CAMPANULA Medium (Canterbury Bells).

## Seeds of Biennials and Hardy Perennials

<b>Aubrietia</b> × Large-Flowered Hybrids. Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in. ....	¼ oz., 50c	\$0.25	\$1.60
Bougainvillei. × Dark blue, 6 in. ....	¼ oz., 70c	.35	2.40
Deltoidea. × Lilac, 6 in. ....	¼ oz., 60c	.25	2.00
Eyrii. × Free flowering, blue. ....	¼ oz., 70c	.25	2.60
Graeca. Violet, large, 6 in. ....	¼ oz., 50c	.25	1.60
Leichtlini. × Large-flowered, rosy purple. ....	⅛ oz., 50c	.25	....
Rosea Grandiflora. × Pink, 6 in. ....	⅛ oz., 50c	.25	....
Whitewell Gem. × Purple, 6 in. ....	⅛ oz., 60c	.25	....
<b>Baby's Breath.</b> See Gypsophila Paniculata.			
<b>Baptisia Australis</b> (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft., lb., \$4.00		.10	.40
<b>Beauty Bush</b> (Kolkwitzia Amabilis) ...	¼ oz., 40c	.25	1.20
<b>Bellis Perennis</b> × or English Daisy, 6 in. ...			
Longfellow. Double dark rose. ....	¼ oz., 40c	.25	1.40
Snowball. Double white. ....	¼ oz., 40c	.25	1.40
White with red center. ....	⅛ oz., 60c	.25	....
Extra choice mixed. ....	¼ oz., 40c	.25	1.40
Monstrosa, double pink. ....	¼ oz., 60c	.25	2.00
Double crimson. New. ....		.50	....
Double red (dark rose). ....	¼ oz., 60c	.25	2.20
Double white. ....	¼ oz., 60c	.25	2.20
Double mixed. ....	¼ oz., 50c	.25	1.80
Superbissima Giant White—The largest flowered white. ....		.75	....
Tubulosa Aetna. Rich deep red. ....	¼ oz., 85c	.35	3.00
Bermina, white passing to pink. ....	¼ oz., 90c	.35	....
Glory of Frankfurt, brilliant dark red	⅛ oz., \$1.25	.50	....
Monterosa, rose. ....	⅛ oz., 90c	.35	....
Titlis, carmine. ....	⅛ oz., 90c	.35	....
Mixed. ....	⅛ oz., \$1.00	.50	....
<b>Betonica Grandiflora.</b> Red-purple flower heads, 1 ft. ....	¼ oz., 60c	.35	....
<b>Bidens Atrosanguinea.</b> The black Dahlia, 2 ft., ¼ oz., 60c		.25	2.20
<b>Bignonia Radicans</b> (Trumpet Vine). Dark red, orange throat. ....		.15	.50
<b>Bocconia Japonica</b> (Plume Poppy). 5 ft. ....		.10	.40
<b>Boltonia Asteroides.</b> White daisy flowers, 4-6 ft. ....		.35	4.20
Latisquama. Delicate pink, 4-5 ft. ....	¼ oz., 60c	.25	2.00
Nana. Dwarf, 3 ft. ....	¼ oz., 70c	.25	2.60
<b>Buddleia Veitchiana.</b> Butterfly Bush. 5 ft. ....	¼ oz., 50c	.25	1.60
<b>Buphthalmum Cordifolium</b> (Speciosum). Orange-yellow flowers with brown centers, 36 in. ....	¼ oz., 40c	.25	1.40
Salicifolium. Yellow, 18 in. ....		.25	1.40
<b>Calamintha Alpina.</b> × Blue, 6 in. ....	⅛ oz., 80c	.50	....
<b>Callirhoe Involucrata.</b> × Crimson, 6 in. ....	¼ oz., 70c	.25	2.60

## CAMPANULA

<b>Alliariaefolia.</b> Creamy white. A desirable border plant. Trade pkt. Oz.			
2½ ft. ....	¼ oz., 40c	\$0.25	\$1.40
<b>Carpatica</b> × (Hare Bell). Blue, 9 in. ....	¼ oz., 25c	.15	.80
Alba × White, 9 in. ....	¼ oz., 25c	.15	.80
Mixed ×. ....	¼ oz., 20c	.10	.60
<b>Fragilis.</b> Blue Star of Bethlehem. Blue, splendid for hanging baskets. ....	½ oz., \$1.00	.50	....
<b>Garganica</b> × Dwarf trailer, flowers blue. 4 in. ....		.75	....
<b>Glomerata Superba.</b> (Clustered Bellflower). Beautiful dark violet flowers borne in clusters at the top and all the way up the stalks. June-July. 20 in. ....			
.....	½ oz., 60c	.35	4.00
Acaulis. Clusters of amethyst violet flowers, 6 in. ....	¼ oz., \$1.20	.35	4.00
<b>Lactiflora Coerulea.</b> Light blue, 3 ft. ....	¼ oz., 50c	.25	1.80
<b>Latifolia Macrantha.</b> Blue, large-flowered, 40 in. ....	¼ oz., 40c	.25	1.40
Macrantha Alba. White. 40 in. ....	¼ oz., 70	.25	....
<b>Medium Calycanthema, Cup and Saucer.</b> Blue, 36 in. ....			
.....	¼ oz., 40c	.15	1.40
Calycanthema, Lilac, White, Pink, each. ....	¼ oz., 40c	.15	1.40
Mixed. ....	¼ oz., 40c	.15	1.20
<b>Medium Dwarf Canterbury Bells.</b> A neat dwarf compact type about twenty inches high with glorious giant flowers of various colors. It is very floriferous and is ideal for spring bedding. ....	¼ oz., 60c	.25	2.00
<b>Medium, Single.</b> Canterbury Bell. Blue, 36 in., lb., 4.00		.10	.40
Single, Lilac, Rose, White, each. ....	lb., 4.00	.10	.40
Mixed. ....	lb., 3.00	.10	.30
Double, Blue, 32 in. ....	¼ oz., 25c	.15	.80
Rose. ....	¼ oz., 25c	.15	.80
White. ....	¼ oz., 25c	.15	.80
Mixed. ....	¼ oz., 25c	.15	.80
Double and single mixed. ....		.15	.60
<b>Persicifolia Alba.</b> White, fine, 30 in. ....	¼ oz., 50c	.25	1.80
<b>Alba Plena.</b> Double white, 30 in. ....	¼ oz., 75c	.35	2.60
<b>Grandiflora Fl. Pl. Moerheimi.</b> Flowers large, semi-double, cup-shaped, pure white. 2 ft. ....			
Coerulea. Blue, 30 in. ....	¼ oz., 50c	.25	1.80
Coerulea Plena. Double blue, 30 in. ....	¼ oz., 85c	.35	3.00
<b>Telham Beauty.</b> Very large bells of China blue, 30 in. ....			
Single mixed. ....	⅛ oz., \$1.20	.35	....
Pusilla. × Light blue bells. Very free blooming, July, 4 in. ....		.50	....
Alba. × Pure white. ....		.50	....
Pyramidalis Alba. White, 5 ft. ....	¼ oz., 45c	.25	1.40
Blue. Lavender-blue, 5 ft. ....	¼ oz., 45c	.25	1.40
Mixed. ....	¼ oz., 45c	.25	1.40
<b>Raineri.</b> Charming Alpine plant, erect blue flowers, 3 in. ....		.75	....

Rock Plants are followed by × and the heights given are of the plants when in bloom.



CARNATION Grenadin



SHASTA DAISY—Double Giant

**Seeds of Biennials and Hardy Perennials**

CAMPANULA—Continued		Trade pkt.	Oz.
Rotundifolia. X Slender branching stems, covered with dainty frail blue flowers, 6-12 in. . . . .	$\frac{1}{4}$ oz., \$1.20	\$0.35	
<u>Olympica</u> X Light blue. 10 to 12 in. . . . .	$\frac{1}{6}$ oz., 1.00	.50	
Trachelium (Coventry Bells). Crowded heads of lavender-blue flowers, 2-3 ft. . . . .		.15	\$0.80
Turbinata. X Forms close mats of foliage and bearing large cup-shaped flowers of blue, sitting close to the plant and fairly smothering it. . . . .	$\frac{1}{4}$ oz., 60c	.25	2.20
Alba. X White, 18 in. . . . .	$\frac{1}{4}$ oz., 60c	.25	2.20
Perennial Varieties. Mixed. . . . .	$\frac{1}{4}$ oz., 40c	.25	1.40
Rock Garden Varieties. Mixed. . . . .	$\frac{1}{4}$ oz., 60c	.25	2.20
Candytuft X Gibraltarica, 1 ft. Large flowers lilac shaded to white. . . . .	$\frac{1}{4}$ oz., 25c	.15	.80
Jucunda. (Lebanon Candytuft). Dwarf pink, 4 in. . . . .	$\frac{1}{8}$ oz., \$1.50	.50	....
<u>Queen of Italy</u> . Dwarf evergreen foliage, rosy lilac, 10 in. . . . .		.15	.60
Sempervirens, 12 in. White. . . . .	$\frac{1}{4}$ oz., 40c	.25	1.40
Snowflake. Large pure white flowers. . . . .	$\frac{1}{4}$ oz., \$1.35	.50	5.00
Tenoreana, 16 in. Lilac and white. . . . .		.15	.60
<b>Canterbury Bells.</b> See Campanula Medium.			
<b>Carnation</b> , Vienna Dwarf. Mixed. . . . .	$\frac{1}{4}$ oz., 50c	.25	1.60
Vienna Dwarf. White. . . . .	$\frac{1}{4}$ oz., 60c	.35	2.20
Pink. 20 in. . . . .	$\frac{1}{4}$ oz., 60c	.35	2.20
<u>Grenadin Red</u> . Half high. 20 in. . . . .	$\frac{1}{4}$ oz., 50c	.25	1.80
Red Dwarf. 14 in. . . . .	$\frac{1}{4}$ oz., 65c	.35	2.40
<u>Golden Sun</u> . Golden yellow. . . . .	$\frac{1}{4}$ oz., \$1.00	.35	3.60
White, 20 in. . . . .	$\frac{1}{4}$ oz., 60c	.35	2.20
Pink, 20 in. . . . .	$\frac{1}{4}$ oz., 60c	.35	2.20
Tausendschon. Soft salmon-rose to bright pink. . . . .	$\frac{1}{4}$ oz., 65c	.35	2.40
Velvety Brown, 20 in. . . . .	$\frac{1}{4}$ oz., 60c	.35	2.20
Mixed. . . . .	$\frac{1}{4}$ oz., 50c	.25	1.80
<b>Cassia Marylandica</b> (Indian Senna). Racemes of showy yellow flowers, 30 in. . . . .		.25	1.20
<b>Catananche</b> Coerulea. Blue, with dark eye, fine, everlasting, 30 in. . . . .		.25	1.20
Coerulea Alba. White, dark eye, 30 in. . . . .		.25	1.20
<b>Centaurea</b> Dealbata. Rose, 18 in. . . . .	$\frac{1}{4}$ oz., 40c	.25	1.40
Macrocephala. Golden yellow, 36 in. . . . .	$\frac{1}{4}$ oz., 30c	.15	1.00
Montana. Corn-flower blue, 24 in. . . . .	lb., \$5.00	.15	.50
Alba. White, superb large flowers, 24 in. . . . .		.15	.60
Pulcherrima. Rosy lavender. 15 in. . . . .	$\frac{1}{4}$ oz., \$1.50	.50	....
Rigidifolia Rosea. 20 in. . . . .	$\frac{1}{4}$ oz., 40c	.25	1.40

Rock Plants are followed by X and the heights given are of the plants when in bloom.

CENTAUREA—Continued		Trade pkt.	Oz.
Ruthenica. Light yellow, 4 ft. . . . .	$\frac{1}{4}$ oz., 60c	\$0.25	\$2.20
Perennial sorts mixed. . . . .	$\frac{1}{4}$ oz., 40c	.25	1.40
<b>Cephalaria</b> Alpina. Sulphur-yellow, 5 ft. . . . .	$\frac{1}{4}$ oz., 30c	.15	1.00
<b>Cerastium</b> X Tomentosum (Snow in Summer). Silvery white foliage, white flowers, 16 in. . . . .	$\frac{1}{4}$ oz., 40c	.25	1.30
<b>Cheiranthus</b> Allionii. Brilliant orange, 16 in. . . . .		.10	.30
Golden Bedder. A deep golden yellow. The individual flowers are larger than the Allioni. It is sweetly scented, long flowering (especially if the seed pods are not allowed to form) and it may be sown in late Summer, Autumn or early Spring. . . . .	$\frac{1}{4}$ oz., 50c	.25	1.60
Kewensis, Winter-blooming Wallflower. Fragrant flowers, sulphur passing to golden and violet, 30 in. . . . .	$\frac{1}{4}$ oz., 50c	.25	1.80
Linifolius. Lilac, 18 in. . . . .	$\frac{1}{4}$ oz., 35c	.15	1.20
<b>Chelone</b> Barbata Coccinea. Scarlet with yellow, 4 ft. . . . .		.10	.60
Barbata Praeox. (Early Flg.) Pink to cherry-red, in pretty spikes; a desirable cut flower. . . . .	3 to 4 ft.	.10	.60
Torreyi. Brick-red, 4 ft. . . . .	$\frac{1}{4}$ oz., 30c	.15	1.00
Hybrida. Mixed. . . . .		.10	.60
Nana. Mixed, 16 in. . . . .	$\frac{1}{4}$ oz., 40c	.25	1.40

**CHRYSANTHEMUM**

Leucanthemum (Spring Marguerite). Early flowering, 36 in., "Mother's Day." . . . .		.10	.60
Maximum Avalanche. Forms compact bushes 2 ft. high; above dark green foliage appear a profusion of large white Marguerites, practically covering the plant. . . . .	$\frac{1}{4}$ oz., 25c	.15	.80
Laciniatum, Comet Marguerite white, 3 ft. . . . .	$\frac{1}{4}$ oz., 25c	.15	.80
Mrs. C. Lothian Bell. Single white, 3 ft. . . . .	$\frac{1}{4}$ oz., 40c	.25	1.30
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers. . . . .		.15	.80
<b>Conqueror</b> (Victor). Giant flowered white . . . . .	$\frac{1}{4}$ oz., 25c	.15	.80
Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large flowering single and semi-double. . . . .		.50	....
Mawii. Rich pink flowers two inches across, silvery foliage, 1 ft. . . . .	$\frac{1}{8}$ oz., \$1.00	.35	....
<b>Clematis</b> Paniculata. Small, sweet-scented, white flowers. . . . .	lb., \$3.40	.10	.30
<u>Recta Grandiflora</u> . Flowers much larger than those of the type and pure white. . . . .	lb., \$8.00	.15	.80
<b>Columbine</b> . See Aquilegia.			

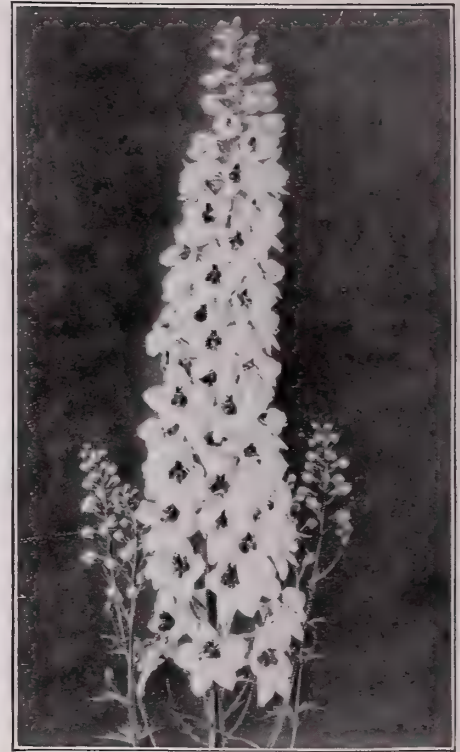
In our Trial Grounds we have grown Delphinium Iceberg and Summer Cloud, and they both look as though they were the same strain. Iceberg is really superior to Summer Cloud in growth, but the flower spikes and color are identical. They both belong in the Belladonna group because they have slender spikes of blooms. They are good for percentage of white.



COREOPSIS Double Sunburst.  
Tr. pkt., 15c; ¼ oz., 25c; 1 oz., 80c.



DELPHINIUM—Gold Medal Hybrids.



DELPHINIUM Blackmore and Langdon Strain.  
Tr. pkt., 50c; ¼ oz., 85c; 1 oz., \$3.00.

## Seeds of Biennials and Hardy Perennials

Coreopsis Lanceolata Grandiflora. Golden-yellow, 3 ft. . . . .	lb., \$2.80	Trade pkt. Oz. \$0.10	\$0.25
Lanceolata Grandiflora Fl. Pl. (Semi-double-flowering Coreopsis), 3 ft. . . . .	lb., \$4.20		.10 .40
Auriculata Superba. Dark yellow with band of brownish red around disc. 3 ft. . . . .			.15 .60
Double Sunburst (Double New Gold). Large double flowers 1½ to 2 in. across. . . . .	¼ oz., 25c		.15 .80
Mayfield Giant. Taller and more vigorous than the type, with longer and firmer stems and larger individual blooms of which the ray petals are broader and form a more perfect corolla. . . . .			.15 .60
Corydalis X Cheilanthisfolia. Fern-like foliage, golden-yellow flower spikes. April-Oct. 20 in. ¼ oz., \$1.00			.50 . . . .
Lutea. X Gray-green foliage, golden-yellow flowers, constantly in bloom all summer, 1 ft. ⅛ oz., \$1.20			.35 . . . .
Crucianella X Stylosa. Light red, 18 in. . . . .			.10 .50
Cyclamen X Europaeum. The well known red flowering Alpine violet. 4 in. 100 seeds 50c; 1000 seeds, . . . . .			\$.420 . . . . .
Neapolitanum. Calyx small; corolla pink or rarely white, the segments short and twisted and the edges raised and white-edged at the base. . . . .	100 seeds, 50c; 1000 seeds, \$3.80		. . . . .
Cynoglossum Nervosum. Large blue flowers. ⅞ oz., 1.00			.35 . . . .
Daisy, Shasta, Alaska. Best white, American-grown, 40 in. . . . .	¼ oz., 30c		.15 1.00
Giant Double Shasta. Flowers five inches across resemble giant asters, on long wiry stems. Blooms over a period of several months. . . . .	⅞ oz., \$1.80		.50 12.00
Westralia. Very large and early. White. 40 in. ¼ oz., 30c			.15 1.00
White Lady. Earlier than Giant Double but not as large, produces quite a number of flowers the first year if sown early. The percentage of doubles is about 50%. . . . .	¼ oz., 85c		.35 3.00
Daisy. See Bellis, Agathea, Chrysanthemum Maximum and Pyrethrum.			

### DELPHINIUM

Blackmore and Langdon Strain. Tall, graceful spikes of bloom, covered from top to bottom with captivating blooms in charming color combinations. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors. . . . .	¼ oz., 85c; lb., \$30.00		.50 3.00
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### DELPHINIUM—Continued

Trade pkt. Oz.

Wrexham Strain (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period. . . . .	lb., \$60.00; ¼ oz., \$1.40		\$0.50 \$5.00
Wrexham Strain. Art shades. . . . .	¼ oz., 1.65		.75 6.00
Deep Blue Shades. . . . .	¼ oz., 1.65		.75 6.00
Light Blue Shades. . . . .	¼ oz., 1.65		.75 6.00
Mid-Blue Shades. . . . .	¼ oz., 1.65		.75 6.00

One of our growers who is a specialist in the culture of Delphinium seed has been at work on an improved strain of hybrids and has segregated different colors into various shades which we offer as follows:

	Trade pkt.	Oz.
XXX Light Blue Shades. . . . .	¼ oz., 90c	\$0.50 \$3.00
XXX Dark Blue Shades. . . . .	¼ oz., 90c	.50 3.00
XXX Mid-Blue Shades. . . . .	¼ oz., 90c	.50 3.00
XXX Pastel Shades. . . . .	¼ oz., 90c	.50 3.00

Double Selecta. Extra double new hybrids, mixed, producing 90% extra double flowers of large size and excellent color variation. . . . .	¼ oz., \$1.50	.50	5.50
Gold Medal Hybrids. An extra choice strain. . . . .	lb., 14.00	.25	1.40
Vaughan's Special Mixture. Perennial varieties. . . . .	¼ oz., \$1.20	.50	4.00

Vetterlee and Reinelt Pacific Giant Blue Shades. This new hand-pollinated strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are solid and whippy. The flowers **do not shatter** and represent a truly outstanding addition to the cut flower market. . . . .

Vetterlee and Reinelt Pacific Giant Blue Shades. This new hand-pollinated strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are solid and whippy. The flowers do not shatter and represent a truly outstanding addition to the cut flower market. . . . .	⅛ oz., \$2.00; ¼ oz., \$3.50	1.00	12.00
Vetterlee and Reinelt Giant Double White. Flowers well spaced and of good texture with a branching habit of growth. Cheese cloth protection when blooming will keep the whiteness of flowers unmarred by dust or insects. New seed ready in July. ⅞ oz., \$2.25; ¼ oz., \$4.00		1.50	14.00
Belladonna. Light blue, 4 to 5 ft. . . . .	lb., \$16.00; ¼ oz., 50c	.25	1.60
Blue Grotto. Deep blue, bee royal purple with cream center. . . . .	¼ oz., \$1.20	.50	4.00
Light Blue, Improved, 4 to 5 ft. . . . .	lb., 24.00	.25	1.80
Hybrids. Light and dark blue. 4 to 5 ft. ¼ oz., 50c		.25	1.60
Bellamosum. Dark blue, 4 to 5 ft. . . . .	lb., 18.00	.25	1.60
Bellamosum Improved, very choice. . . . .	¼ oz., .60	.35	2.20

Rock Plants are followed by X and the heights given are of the plants when in bloom.

## Seeds of Biennials and Hardy Perennials



DAISY Shasta Alaska.



DIANTHUS PLUMARIUS (Clove Pink).



DIANTHUS BARBATUS (Sweet William)

DELPHINIUM—Continued		Trade pkt.	Oz.
Cardinale. Scarlet, 30 in.....	¼ oz., 60c	\$0.35	\$2.20
Chinense Album Grandiflorum. White, 36 in.....	lb.,	\$8.00	.15 .80
Azureum Grandiflorum. Blue, 36 in.....	lb.,	\$8.00	.15 .80
Cambridge Blue.....	¼ oz., 50c		.25 1.80
Mixed.....			.15 .70
Azure Fairy. Soft azure-blue, 20 in.....			.20 1.00
Tom Thumb Ultramarine. A dwarf species, with fine feathery foliage with beautiful flowers in open panicles in ultramarine-blue, 1 ft.....			.15 1.00
Elatum Hybridum Indigo, True Blue (better than D. Formosum), 5 ft.....	¼ oz., 80c	.35	2.80
Double Hybrids. Fine mixed.....	¼ oz., 50c	.25	1.80
Hood Acres. White. A fine American variety.....	¼ oz., \$1.60	.50	5.50
Lamartine. Splendid Gentian blue; single, 30 in.....	¼ oz., 1.20	.50	4.00
Iceberg. In the second year when the plants are fully grown the big white spikes are particularly beautiful. 4 ft.....	¼ oz., \$1.35	.50	5.00
Summer Cloud. White, fine.....	¼ oz., 1.35	.50	5.00
Formosum. Dark blue, 5 ft.....	¼ oz., 70c	.35	2.40
Nudicaule. X Brilliant scarlet with peach-red interior, 30 in.....	¼ oz., 70c	.35	2.40
Lemon Gem. 18 in.....	¼ oz., \$1.20	.50	4.00
Zalil or Sulphureum. Yellow, orchid-like flowers, 6 ft.....	¼ oz., \$1.30	.50	5.00

### DIANTHUS BARBATUS—Sweet William

Double Blood-red (Atrosanguineus pl.) 20 in.....	.20	1.00
Roseus. Pink.....	¼ oz., 50c	.15 1.60
Nigrescens. Almost black.....	.20	1.40
Salmon Rose, new.....	¼ oz., 50c	.25 1.80
White.....	¼ oz., 40c	.25 1.40
Double Mammoth Flowered. Mixed.....	¼ oz., 50c	.25 1.60
Mixed.....	lb., \$6.00	.15 .60
Dwarf Mixed.....	¼ oz., 50c	.25 1.60
Single Albus. White.....	.15	.50
Blood-red (Atrosanguineus).....	.15	.60
Copper-Red.....	.15	.80
Diadematus. Crimson with white eye.....	.15	.60
Giant White. A very large variety. White flowers are especially popular and lend a cool looking effect in the garden, balancing the color harmony.....	¼ oz., 40c	.20 1.20
Nigrescens. Very dark, almost black.....	.15	.50
Newport Pink. Salmon-pink.....	lb., \$5.00	.15 .50
Purple Beauty. Bright deep purple.....	¼ oz., 40c	.20 1.20
Scarlet Beauty. Scarlet.....	¼ oz., 25c	.15 .80
Turkey-Red.....	.20	.80
Single Dwarf Mixed, varies.....	.20	.80
Single Mixed.....	lb., \$3.00	.10 .30
Superb Mixture of New Colors.....	¼ oz., 25c	.15 .80
Mammoth Flowered. Single mixed.....	lb., \$5.00	.20 .50

DIANTHUS BARBATUS Single—Continued		Trade pkt.	Oz.
Vaughan's Special Mixture Double and single...	¼ oz., 60c	\$0.35	\$2.00
Barbatus X Chinensis (Annual Sweet William).			.15 .60
Mixed. Blooms from seed the first year.....			.15 .60

### DIANTHUS PLUMARIUS—Clove Pinks X

		Trade pkt.	Oz.
Plumarius. Single mixed, 20 in.....	lb., \$3.20	\$0.10	\$0.30
Double. Fine mixed.....	¼ oz., 40c	.15	1.40
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant.....	¼ oz., 90c	.35	3.20
Scoticus fl. pl. Double-Scotch. Mixed. An extra choice strain.....	¼ oz., \$1.40	.50	....
Cyclops. Red Hybrids.....	¼ oz., 25c	.15	.80
Semperflorens. Single Mixed, 15 in.....		.10	.30
Double and Semi-Double Mixed.....	¼ oz., 25c	.15	.90
Diadematus. Rose sprinkled white.....		.15	.60
Albus Plenus. Double white.....	¼ oz., 60c	.25	2.20
Highland Rose Queen. Lustrous scarlet vermilion color.....	½ oz., \$1.60	.50	....
Highland Queen Rose Hybrids.....	¼ oz., 90c	.35	3.20
Little Jock Hybrids. The compact plants produce a multitude of pretty fringed flowers, about an inch across, in varied tints of pink, rose and white, mostly with a deep zone and quite 50% of them are double.....	¼ oz., \$1.00	.50	....
Double Early-Flowering. Dwarf Mixed 10 in.....	¼ oz., 40c	.25	1.40
Vaughan's Special Mixture.....	¼ oz., 60c	.35	2.00

### DIANTHUS—SORTS

Allwoodii X 18 in. Mixed colors.....	½ oz., \$1.20	.35	....
Alpinus. Mixed colors X Blooms first year from seed. 4 to 8 in.....	½ oz., \$1.20	.35	....
Arenarius. Sand Pink. Small white fringed flowers. 8 in.....	½ oz., 60c	.25	....
Caesius (Cheddar Pink). X Dense tufts of glaucous blue foliage and large rose-colored flowers, July, 6 in.....	¼ oz., 50c	.25	1.20
Deltoides Albus. White.....	¼ oz., 50c	.25	1.80
Brilliant (Maiden Pink). X Rose. 8 in.....	¼ oz., 50c	.25	1.60
Major Stern's Variety. Bright crimson, dark foliage.....		.25	2.00
Graniticus. X Carmine. 9 in.....	¼ oz., 40c	.25	1.40
Knappi. Clusters of clear golden-yellow flowers appear above the grassy green foliage.....		.50	....
Latifolius Atrococcineus pl. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout stem, 15 to 18 in. high....		.15	.60
Loveliness. The flowers have large lacerated petals of a most exquisite mauve pink, but the most fascinating of all is their delightful fragrance.....	¼ oz., \$1.50; pkt., (1,000 seeds)	.50	....

# Seeds of Biennials and Hardy Perennials



DICTAMNUS (Gas Plant)



MYOSOTIS Alpestris Blue Basket



DIGITALIS (Foxglove)

DIANTHUS—Continued

Neglectus X (Glacier Pink). Fiery red, 3 in.....	Trade pkt.	Oz.
..... 1000 seeds, \$2.80; 100 seeds, 35c	.....	.....
Rose Cushion. From a little cushion of grey-green foliage that is evergreen in character, hundreds of straight stems arise and in late May the flowers appear as if by magic. The color is pure pink, flowers about 3/4 in. across, plants about 3 to 4 in. tall. .... (500 seeds) \$1.00	.....	.....
Sweet Wivelsfield. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft..... 1/4 oz., 25c	.15	\$0.80
Best rock work species mixed X..... 1/4 oz., 60c	.25	2.00
Vaginat. Fine rock plant, cardinal flowers. 1/8 oz., \$1.00	.35	.....
Winteri. A new pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in., 1/8 oz., \$1.25	.50	.....
Dicentra Eximia. (Plumy Bleeding Heart) Dwarf. 12 in..... 1/4 oz., 85c	.50	3.00
Dictamnus Fraxinella (Gas Plant). Pink, 30 in.....	.25	1.40
Fraxinella Albus. White, 30 in. .... 1/4 oz., 40c	.25	1.40
Mixed.....	.20	1.20
Dielytra Spectabilis. (Bleeding Heart.) 32 in., .... 1/4 oz., \$2.00	.50	7.00

**DIGITALIS (Foxglove)**

Canariensis. Canary-yellow. 3 ft.....	.....	.....
Hybrida Lutzii. Salmon hybrids. 4 ft..... 1/4 oz., 40c	.25	1.20
Gloxiniaflora. Spotted flowers, mixed, 4 ft..... lb., \$4.00	.15	.40
Alba. White..... lb., 4.80	.15	.50
Purple..... lb., 4.80	.15	.50
Rose..... lb., 4.80	.15	.50
Isabellina. Light chamois..... 1/4 oz., 25c	.15	.80
Shirley Hybrids. Mixed. 6 to 7 ft..... lb., \$5.00	.15	.50
Grandiflora. Chrome-yellow (Ambigua), 36 in.....	.20	.80
Maculata Iveryana. Spotted varieties, 4 ft.....	.15	.50
Purpurea. Purple. Common fox glove, 4 ft.....	.10	.30
Monstrosa. Mixed, 3 ft.....	.15	.60
Mixed..... lb., 3.00	.10	.30
Vaughan's Special Mixture..... lb., 6.00	.15	.60
Doronicum Caucasicum. Yellow, early. 2 ft.....	.....	.....
Seed germinates slowly..... 1/16 oz., \$2.00	1.00	.....
Plantagineum Excelsum. Large golden-yellow, daisy-like flowers. 3 ft.....	.....	.....
Bunch of Gold. Bright canary colored, long stemmed	.....	.....
Margurites. May and June. 24-32 in.....	.75	.....
Echinacea Purpurea Hybrida (Cone Flower). Mixed. .... 1/4 oz., 50c	.25	1.70

**FORGET-ME-NOT X (Myosotis)**

Alpestris. Blue, 12 in.....	\$0.15	\$0.60
Blue Basket. Plants grow upright and are splendid for borders or cutting. Dark blue flowers 1/4 oz., 60c	.25	2.00
Blue Eyes. Compact grower, flowers appear early, large bright blue with white eye..... 1/4 oz., 80c	.35	2.80
Indigo Blue (Royal Blue), 12 in..... 1/4 oz., 40c	.15	1.40
Blue Compacta..... 1/4 oz., 50c	.25	1.60
Messidor. Deep blue, long stems, 12 in... 1/4 oz., 50c	.15	1.80
Rosea. 12 in.....	.15	.80
White. 12 in.....	.15	.60
Victoria. Dwarf globular strain. 8 in:		
Sky blue. Excellent variety..... 1/4 oz., 60c	.25	2.00
Indigo Blue. Fine dark blue..... 1/4 oz., 60c	.25	2.00
Rosea. Pink..... 1/4 oz., 70c	.25	2.40
White..... 1/4 oz., 60c	.25	.....
Stricta. Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft..... 1/4 oz., 70c	.25	2.40
Pink Bouquet. A companion to the above, only the flowers are a charming pink. 1 ft. .... 1/4 oz., 60c	.25	2.00
Indigo Blue Bouquet. Same type as above with rich dark blue flowers. 1 ft..... 1/4 oz., 70c	.25	.....
Alba, White Bouquet.....	.25	.....
Dissitiflora. Rich blue, early and compact, 1 ft. ....	.....	.....
..... 1/4 oz., \$1.20	.35	4.00
Palustris. The true Swamp Forget-Me-Not. 1/4 oz., 45c	.15	1.60
Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft..... 1/4 oz., 50c	.25	1.80
Oblongata Perfecta. Vaughan's Early and Late Flowering. Skyblue flowers with a white center, 1 ft. Blooms in three months..... 1/4 oz., 40c	.25	1.40
Blue Bird. A beautiful winter-flowering Forget-Me-Not, 1 ft. .... 1/4 oz., 85c	.35	2.80
Hybrida Ruth Fisher. Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage, 10 in..... 1/16 oz., \$1.00	.35	.....
Star of Love. Dwarf blue, 8 in..... 1/16 oz., .90	.35	.....
Compacta Annemarie. New, large dark blue flowers, compact habit, most beautiful forcing variety. 6 inches high..... (300 seeds) 1.00	.....	.....

Rock plants are followed by X and the heights given are of the plants when in bloom.

## Seeds of Biennials and Hardy Perennials



EUPATORIUM *Fraseri*



EDELWEISS



GAILLARDIA *Grandiflora Maxima Aurea*

	Trade	Oz.
<b>Echinops</b> (Globe Thistle) <i>Ritro</i> . Violet, 5 ft. .lb., \$3.20	\$0.10	\$0.30
<i>Sphaerocephalus</i> . Light blue, for winter bouquets, 6 ft	.15	.40
<b>Edelweiss</b> . × Large-flowered, 6 in. .... 1/16 oz., \$1.00	.50	
<i>Sibiricum</i> . Large fine blooms. 9 in. .... 1/32 oz., 1.50	.50	
<b>Eremurus</b> <i>Robustus</i> . Pink, 7 ft. ....		
..... 100 seeds, 30c; 1000 seeds, \$2.00		
<i>Himalaicus</i> White. 100 seeds, 30c; 1000 seeds, 2.00		
Mixed. .... 1/4 oz., 70c	.35	2.60
<b>Erigeron</b> <i>Speciosus</i> Hyb. <i>Grandiflorus</i> . Rosy-lilac, 30 in.		
..... 1/4 oz., 50c	.25	1.60
<i>Coulteri</i> , White, for cutting; blooms early. 1/4 oz., 40c	.25	1.40
<i>Speciosus</i> Hybridus <i>Semi-plenus</i> , semi-double lavender, varies 1 1/2 ft. .... 1/4 oz., 90c	.50	3.20
<i>Grandiflorus</i> <i>Elatior</i> . Rosy, 24 in. .... 1/4 oz., 50c	.25	1.80
<b>Eriurus</b> × <i>Alpinus</i> . Purple, for borders, 6 in. 1/32 oz., \$1.40	.50	
<b>Eryngium</b> <i>Amethystinum</i> . Amethyst-blue, 3 ft. ....		
..... 1/4 oz., 60c	.25	2.20
<i>Alpinum</i> . The prettiest of this thistle-like group; stems and flower-heads of a splendid steel-blue color. June-July. 32 in. .... 1/4 oz., 60c	.25	2.20
<i>Planum</i> . Dark blue, 4 ft. ....	.15	.50
<b>Erysimum</b> <i>Pulchellum</i> . Sulphur yellow, 12 in. ....		
..... 1/4 oz., 50c	.15	1.60
<b>Eupatorium</b> <i>Fraseri</i> . White, 2 ft. ....	.15	.80
<i>Purpureum</i> . Wine-red, floriferous, 4 ft. ....		
<b>Euphorbia</b> <i>Corollata</i> . (Wild Baby's Breath.) Resemble <i>Gypsophila</i> but the flowers are larger and more pronouncedly white. Will stand any amount of drouth. Pure white flowers, 2 ft. 1/4 oz., 80c	.35	3.00
<i>Myrsinites</i> . Grey trailer heads of yellow flowers. 3 in. .... 1/4 oz., .70c	.35	2.40
<i>Polychroma</i> . The flowers are bright yellow changing to a rosy-bronze. 15 to 18 in. .... 1/4 oz., \$1.20	.50	4.00
<b>Francoa</b> <i>Ramosa</i> <i>Hybrida</i> . Bridal Wreath. Pure white elegant flowers. 2 1/2 ft. ....	.75	
<b>Grasses, Ornamental</b>		
<b>Arundo</b> <i>Donax</i> . Spanish Cane. 8 to 10 ft. ....	.15	.80
<b>Erianthus</b> <i>Ravennae</i> . Plume Grass. 6 to 8 ft. ....	.10	.40
<b>Eulalia</b> <i>Japonica</i> . 6 ft. ....	.10	.60
<b>Eulalia</b> <i>Japonica</i> <i>Zebrina</i> . Zebra Grass. 5 ft. ....	.15	1.00
<b>Festuca</b> <i>Clauca</i> . True blue grass with dense glaucous tufts. Blue stemmed grass. .... 1/4 oz., 40c	.25	1.40
<b>Gymnothrix</b> <i>Latifolia</i> ( <i>Pennisetum Latifolium</i> ). 36 in. ....	.10	.50
<b>Gynerium</b> <i>Argenteum</i> . Pampas Grass. ....	.10	.40
<b>Stipa</b> <i>Pennata</i> . Feather Grass. 2 ft. .... 1/4 oz., 60c	.25	2.00
<b>Uiola</b> <i>Latifolia</i> . Spike Grass. 3 ft. ....	.15	.50

	Trade	Oz.
<b>GAILLARDIA Grandiflora</b>		
<b>Bremen</b> , Coppery scarlet with yellow tips. 1/4 oz., 60c	\$0.25	\$2.00
<b>Burgundy</b> . Shining wine-red flowers about 2 1/2 in. in diameter, on long stiff stems, from June until Fall. Comes 60% to 70% true, 30 in. .... 1/4 oz., 60c	.25	2.00
<b>Dazzler</b> . Large flowers, bright golden yellow with rich maroon-red center. 3 ft. .... 1/4 oz., 40c	.25	1.40
<b>Goblin</b> . The neat plants reach a height of about 12 to 15 inches, and are closely covered with large, showy, yellow bordered deep red flowers. Useful for rockery and as an edging for perennial borders. ....		
..... 1/4 oz., \$1.00	.50	
<b>Maxima Aurea</b> . Very large golden-yellow flowers with large red eye. .... 1/4 oz., 40c	.25	1.25
<b>Portola</b> Hybrids. The flowers are very large. The petals being very broad and overlapping, of great substance, and spread out flat. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2 1/2 to 3 ft. .... 1/4 oz., 40c	.25	1.40
<b>Standholder</b> . Large flowers, yellow bordered, and with lighter or darker red wings around the center. The petals are broad, but occasionally tubular with an inclination to doubleness. 3 ft. 1/4 oz., 50c	.25	1.60
<b>Tangerine</b> . Large orange-colored flower. .... 1/4 oz., 50c	.25	1.60
<b>The King</b> . Special strain enormous flowers of good substance. .... 1/4 oz., 60c	.35	2.20
<b>Torchlight</b> , Golden yellow, rich maroon center. 2 ft. ....		
..... 1/4 oz., 60c	.35	2.20
<b>New Hybrids</b> , mixed. .... lb., \$5.00	.15	.50
<b>Garden Heliotrope</b> , see <i>Valeriana</i> .		
<b>Gerbera</b> <i>Jamesoni</i> . New Flowerland strain. The finest obtainable. .... 100 seeds, 40c; 1000 seeds, \$3.00		
<b>Gentiana</b> <i>Acaulis</i> . <i>Gentian-blue</i> , fine, 5 in. 1/4 oz., 65c	.25	
<i>Lutea</i> . Yellow, 40 in. .... 1/4 oz., 65c	.25	
<b>Geum</b> <i>Coccineum</i> <i>Atrosanguineum</i> Pl. × <i>Semi-double</i> , orange-red, 2 ft. .... 1/4 oz., 40c	.25	1.40
<i>Boresi</i> (True). Orange scarlet. ....		
<i>Lady Stratheden</i> × ( <i>Golden Ball</i> ). The blooms are a rich golden-yellow. 2 ft. .... 1/4 oz., 50c	.25	1.60
<i>Mrs. Bradshaw</i> . × <i>Glowing red</i> . 2 ft. .... 1/4 oz., 50c	.25	1.80
<i>Orange Queen</i> . Large double orange scarlet. 2 ft. ....		
..... 1/4 oz., 80c	.35	2.80
Mixed. .... 1/4 oz., 60c	.25	2.00
<b>Gilia</b> <i>Coronopifolia</i> ( <i>Ipomopsis Elegans</i> Mixed). 3 1/2 ft. ( <i>Standing Cypress</i> .) Very leafy, the divisions being needle-like about one inch long. The flowers are 1 1/2 inches long, trumpet-shape, borne along the side of the summit of the stem, mixed colors. A biennial. ....	.15	.80
<i>Coronopifolia</i> <i>Red</i> . .... 1/8 oz., 60c	.25	
<b>Globularia</b> <i>Trichosantha</i> ( <i>Globe Daisy</i> ). Dwarf growing with round or globular shaped flowers of pale blue. 12 in. .... 1/4 oz., \$1.40	.50	5.00
<b>Golden Rod</b> ( <i>Solidago Canadensis</i> ) 5 ft. .... 1/4 oz., 50c	.25	1.80
See also <i>Solidago</i>		

Rock Plants are followed by X and the heights given are of the plants when in bloom.



GYPSOPHILA Oldhamiana



HELIOPSIS Lemoines Giant

### Seeds of Biennials and Hardy Perennials

	Trade	pkt.	Oz.
<b>Gypsophila</b> Acutifolia. Lilac pink, 4 ft. ....	\$0.15		\$0.80
Panioulata. White, 40 in. ....	lb., \$2.80	.10	.30
Fl. Pl. (30 to 40% true), 40 in. ....	¼ oz., 85c	.35	2.80
Snow-White Double, 2 ft. ....	¼ oz., \$1.20	.50	4.00
<b>Oldhamiana.</b> The light little buds are first almost white but open a lively shade of pink that tends to darken as the flowers mature. Each individual flower measures slightly more than one quarter of an inch in diameter and possesses a white throat. The flowers are fragrant. ¼ oz., 60c		.25	2.00
<b>Pacifica.</b> Tiny pink blossoms on branching panicles. 4 ft. ....	¼ oz., 85c	.25	3.00
Repens X Dwarf, for rockwork. White, 6 in. ....	¼ oz., 45c	.25	1.40
Rosea. Pink. ....	¼ oz., 50c	.25	1.80
<b>Helienium</b> Autumnale Superbum. Yellow. ¼ oz., 90c		.25	3.20
Autumnale Hybr. Nanum Praecox. Early-blooming hybrids in bronze and crimson shades. July-Sept. 3 ft. ....	¼ oz., \$1.20	.25	....
Bigelowi. Yellow, for cutting, 20 in. ....	¼ oz., 70c	.25	2.40
Hoopesi. Yellow, 30 in. ....		.15	.80
Hybridum Moerheim Beauty. Bronzy-red. 2½ ft. ....	¼ oz., 70c	.25	2.40
Riverton Beauty. Lemon-yellow, 4 ft. ....	¼ oz., 75c	.35	2.80
Riverton Gem. Crimson and old gold. 3½ ft. ¼ oz., 90c		.35	3.20
<b>Helianthemum</b> X Mutabile. Mixed Colors. (Rock Rose). Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in. ....		.15	.80
<b>Helianthus</b> (Sunflower) Angustifolius. Autumn Glory. Yellow, free-blooming. Good cut-flower, 3 ft. ....		.25	2.40
<b>Harvest Moon</b> (Laetiflorus). Flowers semi-double with three rows of petals, long and incurved, on stiff stems and of a rich yellow color. ....	½ oz., 60c	.25	....
Maximilianus. Early-flowering, yellow, 3 ft. ....	¼ oz., 60c	.25	2.00
Perennial Varieties. Mixed. ....	¼ oz., 60c	.25	2.00
<b>Helichrysum</b> Angustifolium. Yellow, white foliage. ....	¼ oz., 40c	.25	1.40
<b>Helianthus</b> Laevis Pitcheriana. Golden yellow, 4 ft. ....		.15	.60
Laevis Soleil d'Or. Golden yellow, 5 ft. ....		.15	.80
Lemoines Strain. A very brilliant border plant resembling a double sunflower; flowers are double and semi-double golden yellow. A perennial that blooms from seed the first year. ....	¼ oz., 50c	.25	1.80
Scabra Zinniaeflora. Yellow, semi-double, 3ft. ¼ oz., 40c		.25	1.40
<b>Helleborus</b> Niger. Christmas Rose. Seed germinates very slowly. 15 in. ....	lb., \$8.00	.15	.80
<b>Hesperis</b> Matronalis, (Sweet Rocket), red, 40 in. ....	lb., \$2.00	.10	.20
Matronalis Alba. White, 40 in. ....	lb., 2.00	.10	.20
Mixed. ....	lb., 2.00	.10	.20
Nana Candidissima. Dwarf white. 20 in. ....		.15	.80

	Trade	pkt.	Oz.
<b>Heuchera</b> X Sanguinea. Crimson, 30 in. ¼ oz., \$1.20	\$0.50		\$4.00
Sanguinea Splendens. Bright vermillion. ¼ oz., 1.20	.50		4.00
Hybrida Grandiflora. Mixed, 30 in. ¼ oz., 1.20	.35		....
Brizoides. Bright rose, 30 in. ....	½ oz., 1.50	.50	....
<b>Hibiscus</b> Giant Yellow Sunset or Golden Bowl, 2 ft. ....		.15	.50
Crimson Eye. White with red eye, 4 ft. ....		.15	.60
Mallow Marvels. Mixed, 4 ft. ....	lb., \$4.00	.10	.40
Red, 4 ft. ....	lb., 6.40	.15	.60
Rose. ....	lb., 6.40	.15	.60
<b>Hieracium</b> X Villosum. Yellow, silvery leaves, 12 in. ....		.50	....
<b>Hollyhocks.</b> Double.			
Appleblossom. ....	¼ oz., 40c	.25	1.20
Blood Red. ....	¼ oz., 40c	.25	1.20
Colorado Sunset (Chamois). ....	¼ oz., 40c	.25	1.20
Crimson. ....	¼ oz., 40c	.25	1.20
Lilac Beauty. ....	¼ oz., 40c	.25	1.40
Maroon. ....	¼ oz., 40c	.25	1.20
Deep Rose. ....	lb., 12.00 ¼ oz., 40c	.25	1.20
Newport Pink. ....	lb., 12.00 ¼ oz., 40c	.25	1.20
Salmon Rose. ....	¼ oz., 40c	.25	1.20
White. ....	lb., 14.00 ¼ oz., 40c	.25	1.20
Yellow. ....	lb., 14.00 ¼ oz., 40c	.25	1.20
Chater's Prize. Double Mixed. ....	lb., \$9.00	.25	1.00
<b>Imperator, Improved</b> ("Begonia Flowered" Crested Mixed), New formation, collar of frilled and fringed edges. ....	¼ oz., 50c	.25	1.60
Queen of Sheba. Primrose with rose. ....	¼ oz., 40c	.25	1.40
<b>Triumph.</b> Double waved and fringed flowers in delicate art shades. ....	¼ oz., 50c	.25	1.60
Single Black, Pink, Red, Rose, White and Yellow, each. ....	¼ oz., 25c	.15	.80
Salmon. ....	¼ oz., 30c	.15	1.00
Single mixed. ....	lb., \$4.00	.15	.40
Exquisite. Mixed colors, curled edges. ....	¼ oz., 50c	.25	1.60
Allegheeny. Mammoth-flowering, mixed. ....	lb., \$4.00	.15	.40
Alameda Pink. Single pink. ....		.25	1.20
Everblooming Single Hybrids. ....	lb., 4.00	.10	.40
Double and Single Hybrids, mixed. ....	lb., 5.00	.15	.50
<b>Horminum</b> X Pyrenaicum. "Dragon's Mouth." Large rosettes of dull green foliage from which rise sprays of violet-blue flowers. 1 ft. ....		.50	....
<b>Hyacinthus</b> Candicans. White yucca-like flowers, 4 ft. ....		.15	.60
<b>Incarvillea</b> Delavayi. Rosy-carmine, 24 in. ¼ oz., 85c		.35	3.00
Grandiflora. Amaranth red, 2 ft. ....	½ oz., 80c	.50	....
Brevipes. Bright deep rose. 2 ft. ....	½ oz., 90c	.50	5.00
<b>Hybrida</b> Bee's Pink. Large light rose flowers. 18 in. ....		....	....
<b>Inula</b> X Ensifolia. Dwarf, golden, 12 in. ....	½ oz., 60c	.25	....
Glandulosa Grandiflora. Orange. 2 ft. ....	½ oz., 80c	.35	....
Royleana. Large golden yellow ray florets. 2 ft. ....	¼ oz., 70c	.25	2.40

Rock Plants are followed by X and the heights given are of the plants when in bloom.





LILIUM Formosanum Pure White

LILIES FROM SEED

The seed can be sown almost anytime, in flats, pans or pots. The soil should be a porous loam of good fertility with no raw manures. A compost of rotted sod and sharp sand, with well rotted organic matter, cannot be improved upon.

For indoor culture, the seed not to be covered more than 1/4 inch with a sandy soil. When large enough to handle, the seedlings should be pricked off into 2 inch pots, and then set out after danger of frost is over.

Some lilies have the habit, under some circumstances, of waiting until the second year before top growth takes place. Often germination takes place the first year with no growth above the surface.

Lilies can be transplanted at almost any stage of development. They are not exacting in the types of soils to which they were adapted, except that it be porous. They do not like a baked, plastic clay, or lean, loose sands, unless such soils are ameliorated by the incorporation of an abundance of organic matter which changes their substance.



LILIUM Tenuifolium

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Iris Kaempferi. Japanese Iris. Most seedlings bloom the second year. 18 in. ....	lb., \$5.40	\$0.15 \$0.50
Siberian Mixed. ....	lb., 4.00	.15 .40
Isatis Glauca. Foliage silvery gray-green. Clouds of fine yellow flowers in July. 2 ft. ....		.15 .60
Kenilworth Ivy X Linaria Cymbalaria. Pink. 1/4 oz., 40c		.25 1.40
Kudzu Vine. Pueraria Thunbergiana. Fragrant, wistaria-like flowers. ....	lb., \$3.00	.10 .30
Lathyrus Latifolius. (Everlasting Pea), mixed	lb., 3.20	.10 .30
Latifolius Pink Beauty, very fine, 6 ft. ....	lb., 4.00	.15 .40
Red. Magenta, 7 ft. ....	lb., 4.00	.15 .40
White Pearl, 5 ft. ....	lb., 5.00	.15 .50
Lavandula Vera. True Sweet Lavender. ....		.15 .50
Spica, Munstead Strain. Dwarf compact blue. ....		.25 .75
Liatris (Blazing Star). Spicata. Purple rose, 20 in.		.25 2.00
Pycnostachya. Long racemes of brilliant rose purple flowers. Aug. to Oct., 4 ft. ....	1/4 oz., 40c	.25 1.40
Scariosa. Rose-purple, 4 ft. ....	1/4 oz., 70c	.25 2.40
Lilium Auratum. Gold-banded Lily of Japan. 4 to 7 ft.		.25 1.40
Auratum Platyphyllum. Larger than the above and more heavily marked. ....		.25 1.80
Cernuum. Lilac nodding flowers. ....	1/4 oz., 50c	.25 1.60
Concolor. Erect fiery scarlet with dark red spots		.25 1.80
Henryi. Rich deep orange-yellow. 4 ft. ....	1/4 oz., 60c	.25 2.00
Japonicum (Japanese Lily). Delicate rosy pink.		.25 1.60
Mrs. Backhouse Hybrids. Free flowering. Many unusual shades. ....	100 seeds, 85c; 1000 seeds, \$6.00	.....
Martagon. Turk's Cap Lily. ....	1/4 oz., 60c	.25 2.00
Formosanum. Improved Pure White. This selected strain produces 80% pure white flowers. lb., \$22.00;		.25 1.80
Formosanum Giant Pure White. ....	1/4 oz., 50c	.35 2.40
Lilium Formosanum come into flower irregularly and a planting from our seed should produce flowers over a period of eight weeks.		
Longiflorum Praecox (White Queen). Produces blooms of the well-known Erabu type within twelve months from sowing. Long trumpet flowers of clear white. 1/2 trade pkt., 60c; 1/8 oz., \$1.75		1.00 12.00
Regale, Regal Lily. Pink outside, interior primrose-yellow, 3 to 5 ft. ....	lb., \$4.00	.15 .40
Tenuifolium (Siberian Coral Lily) 20 in. ....	lb., 7.00	.15 .60
Golden Gleam. 24 in. Blooms are deep orange in color and have recurved petals of waxy texture. ....	1/4 oz., 85c	.35 3.00
Washingtonianum. Pure white, slightly tinted and dotted purple inside. ....		.50 .75
Willmottiae. Flowers vivid orange-red with recurved petals, spotted with brown. 4 ft. ....	1/4 oz., \$1.20	.50 4.00
Mixed. Many varieties. ....	1/4 oz., 50c	.25 1.80

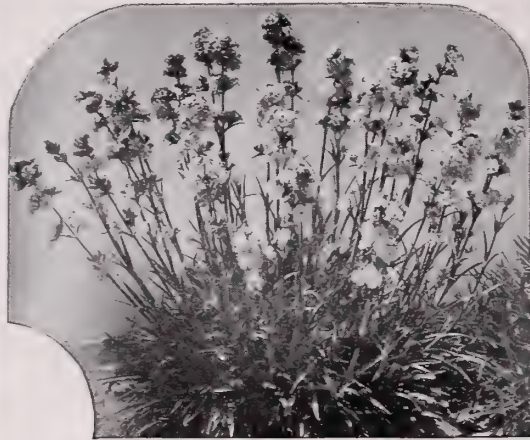
Rock plants are followed by X and the heights given are of the plants when in bloom.

	Trade pkt.	Oz.
Linaria. X Cymbalaria, pink, 3 in. ....	1/4 oz., 40c	\$0.25 \$1.40
Alpina. X Purple blotched orange, 4 in. ....	1/16 oz., \$1.00	.50 .75
Canon Want. Rosy pink. Blooms first year if sown early. 2 1/2 ft. ....	1/4 oz., 60c	.25 2.00
Dalmatica. Yellow with orange lip, 36 in. ....		.15 .60
Linum Perenne (Perennial Flax). Blue. 30 in. lb., \$4.00		.10 .40
Perenne Fl. Album. White. 30 in. ....		.10 .40
Mixed. ....		.10 .40
Alpinum X Pale blue. Prostrate habit. ....		.....
Flavum. Yellow. 1 ft. ....	1/4 oz., 50c	.25 1.80
Compactum Nanum X Glowing golden yellow, dark green foliage. Everbloomer, 6 in. ....	1/8 oz., \$1.00	.35 .75
Narbonense. Steel-blue, large-flowering. 30 in. ....		.15 .60
.....	1/4 oz., 45c	.25 1.60
Lobelia Cardinalis (Cardinal Flower). 36 in. ....	1/4 oz., 85c	.25 3.00
Syphilitica. Large blue flowers 24 in. ....	1/4 oz., 60c	.25 2.00
Lunaria Biennis Alba (Honesty or Peter's Pence)		.15 .40
40 in. ....	lb., \$4.00	.15 .40
Biennis. Crimson, 4 ft. ....	lb., 4.00	.15 .40
Mixed. ....	lb., 4.00	.15 .40
Lupinus Polyphyllus.		
Albus. Large, pure white spikes. 2 to 3 ft. ....	lb., \$3.20	.10 .30
Atroviolaceus. Large dark blue, new. ....	1/4 oz., 30c	.15 1.00
Blue. Stately spikes of blue, 3 ft. ....	lb., \$2.60	.10 .25
Carmineus. Carmine. ....	1/4 oz., 30c	.15 1.00
Chocolate Soldier. Yellow, passing to chocolate. ....		.15 .60
.....	1/4 oz., 60c	.25 2.00
C. M. Prichard. Pale salmon-orange with yellow. ....		.15 .60
.....	1/4 oz., \$1.00	.30 3.60
Gold Crest. Yellow with deeper yellow wings. ....		.15 .60
.....	1/4 oz., 40c	.25 1.40
Luteus. A strain of varying yellow shades. 1/4 oz., 30c		.15 1.00
Salmoneus. Tender salmon shades. ....	1/4 oz., 40c	.25 1.40
Six Hills Scented. Flowers are sweetly scented and have a great range of color. ....	lb., \$5.60	.15 .50
Sunshine. (Arboreus Type), Golden yellow, 30 in. ....		.15 .50
Roseus. Light and dark rose flowers, 3 ft. ....	lb., 5.00	.15 .50
Lavender Queen. Lavender tinted pink, 3 ft. ....		.15 .60
Princess Juliana. Lovely pink, 3 ft. ....	lb., 6.00	.15 .60
Harkness' Regal Mixture. A mixture of charming new colors, in which rose, buff, flesh and salmon shades predominate. ....	lb., \$5.00	.15 .50
Downer's Hybrids. Perpetual flowering new hybrids. ....	1/4 lb. \$1.30; lb., \$4.80	.15 .40
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupinus; English and other European strains being chosen to give the utmost variety. ....	lb., \$8.00; 1/4 oz., 25c	.15 .80

## Seeds of Biennials and Hardy Perennials



LUPINUS Polyphyllus



LYCHNIS Forrestii Hybrids



POPPY Nudicaule Amurensis Yellow Wonder

	Trade	pkt.	Oz.		Trade	pkt.	Oz.	
<b>Lychnis Alpina.</b> X Rose, 12 in. ....	1/8 oz.,	80c	\$0.25	....				
<b>Arkwrightii.</b> Large flowers in brilliant colors, varying from orange-scarlet to soft salmon-pink. May. 2 to 3 ft. ....	1/4 oz.,	40c	.25	\$1.40				
<b>Chalcedonica Salmon Queen.</b> Beautiful salmon shade. 3 ft. ....	1/4 oz.,	40c	.15	1.20				
<b>Chalcedonica.</b> Scarlet, 36 in. ....	lb.,	\$4.40	.15	.40				
<b>Forrestii Hybrids.</b> New, showy panicles of carmine, crimson, pink and white flowers, excellent for rock garden and border, 2 ft. ....	1/4 oz.,	50c	.25	1.80				
<b>Haageana Hybrida.</b> Mixed, extra choice, 18 in. ....	1/4 oz.,	40c	.25	1.40				
Scarlet, 18 in. ....	1/4 oz.,	50c	.25	1.80				
<b>Viscaria Splendens.</b> Early, deep rose, 16 in. ....	1/4 oz.,	30c	.15	1.00				
<b>Lythrum Roseum Superbum.</b> Rose-pink, 40 in. ....			.15	.80				
<b>Matricaria</b> Capensis Alba Plenissima. White, Double Select White (Ball's Double White). This is the one and only fully double flowering pure white strain of Feverfew from seed. It is 98% true to this description. ....			.35	....				
<b>Golden Ball.</b> Striking double golden yellow. 8 in. ....	1/4 oz.,	50c	.25	1.80				
<b>Snowball.</b> Dainty double white flowers. 8 in. ....	1/4 oz.,	50c	.25	1.80				
<b>Meconopsis Baileyi.</b> Himalayan Poppy, glorious sky blue, golden anthers. 3 ft. ....	1/4 oz.,	\$1.00	.35	3.60				
<b>Monarda Didyma Cambridge Scarlet.</b> Brightest glowing scarlet. July-August, 30 in. ....	1/8 oz.,	\$1.00	.50	....				
<b>Hybrida.</b> Mixed. 36 in. ....	1/4 oz.,	60c	.25	2.20				
<b>Myosotis.</b> See Forget-Me-Not Page 20.								
<b>Nepeta Mussini.</b> X Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft. ....	1/4 oz.,	50c	.25	1.80				
<b>Nervosa.</b> Clear light blue flowers. ....	1/4 oz.,	75c	.25	....				
<b>Souvenir d'Andre Chaudron.</b> Bright blue 24 in. ....	1/8 oz.,	\$1.00	.35	....				
<b>Nierembergia Hippomanica.</b> Forms a cushion of elegant light green foliage from which emerge corymbs of salver shaped flowers of a delicate lavender blue, one inch across, adorned with a clear yellow eye. ....			.50	....				
<b>Oenothera Fraseri.</b> Deep yellow. 24 in. ....	1/4 oz.,	75c	.25	....				
<b>Lamarkiana,</b> yellow, 2 ft. ....			.10	.25				
<b>Macrocarpa.</b> Yellow, June-Sept. 12 in. ....	1/4 oz.,	60c	.25	2.20				
<b>Youngi.</b> Large yellow bloom. 18 in. ....	1/4 oz.,	60c	.25	2.20				
<b>Papaver (Poppy) Alpine.</b> X Mixed, 10 in. ....	1/8 oz.,	60c	.35	4.00				
<b>Bracteatum.</b> Scarlet, 32 in. ....			.15	.60				
<b>Nudicaule</b> X (Iceland). Mixed, 16 in. ....	lb.,	\$8.40	.15	.80				
<b>Amurensis "Yellow Wonder.</b> A new strain of Iceland Poppy, flowering later, but resisting heat and drouth much better than others, thus more adapted to American summers. Large flowers of buttercup yellow are freely produced on stems 25 inches long. Foliage is glaucous, covered with short hairs. ....	1/4 oz.,	\$1.25	.50	4.00				
					<b>PAPAVER, Nudicaule—Continued</b>			
					Trade	pkt.	Oz.	
					each	\$0.15	\$0.80	
					Yellow, Orange-scarlet and White. ....			
					Coonara. Pink shades. 1 1/2 ft. ....	1/4 oz.,	50c .25 1.80	
					El Monte. Deep tangerine orange. ....	1/4 oz.,	50c .25 1.80	
					The Empress. Flower large, full, well formed with broad overlapping petals, deeply fluted or wrinkled giving the effect of doubleness. The color range through lovely shades of salmon-rose and creamy pinks. ....	1/8 oz.,	80c .35 ....	
					<b>Fakenham Hybrids.</b> The flowers are 2 1/2 to 3 in. in diameter and come in shades of orange and yellow and white with long, stiff stems. Extremely free-flowering and lasts exceptionally well as a cut flower, 2 ft. ....	1/4 oz.,	50c .25 1.80	
					<b>Gartref New Hybrids,</b> Selected from range of art shades, all with darker penciled edging. Excellent cut flower. Blooms the first year. ....	1/4 oz.,	60c .25 2.00	
					Gibson's Giant Orange, 2 ft. ....	1/4 oz.,	40c .25 1.40	
					Double Mixed. ....	1/4 oz.,	50c .25 1.80	
					Sanford's Giant Mixed. Very fine. ....	1/4 oz.,	60c .35 2.00	
					Sunbeam. Mixed. 1 1/2 ft. ....	1/4 oz.,	40c .15 1.20	
					<b>Vaughan's Special Mixture of Iceland Poppies,</b> contains every worthwhile strain of these beautiful and useful Poppies. ....	1/4 oz.,	70c .25 2.40	
					<b>Orientele (Oriental Poppy).</b> Scarlet, 3 ft. ....	lb.,	\$8.00 .15 .80	
					Brilliant. Brilliant fiery-red, 40 in. ....	1/4 oz.,	50c .25 1.80	
					Beauty of Livermere. Dark oxblood. ....	1/4 oz.,	70c .25 2.40	
					Carneum. Light and dark salmon pink shades. 70% true. 40 in. ....	1/4 oz.,	60c .25 2.00	
					Goliath. Brilliant scarlet. ....	1/4 oz.,	70c .25 2.40	
					Mahoney. Maroon-crimson. 40 in. ....	1/4 oz.,	\$1.00 .35 3.20	
					Mrs. Perry. Salmon-rose. ....	1/8 oz.,	1.20 .35 ....	
					Perry's White. White flowers with a tinge of blush. 2 ft. ....		.50 ....	
					Princess Victoria Louise. Soft salmon-rose. 40 in. ....	1/4 oz.,	60c .25 2.00	
					The Feltham. Shades of scarlet, orange and apricot without the dark blotch at base of flower, 2 ft. ....		.50 ....	
					Hybrids. Many varieties, mixed. ....	1/4 oz.,	40c .20 1.30	
					The named varieties of Oriental Poppies do not come 100 per cent true from seed.			
					Pilosum. Salmon color, 1 1/2 ft. ....		.35 ....	
					<b>Pentstemon.</b> Large-flowering hybrids, mixed. ....	1/4 oz.,	50c .25 1.80	
					<b>Cobaea.</b> Large lavender-mauve flowers, handsome border plant. 18 in. ....	1/4 oz.,	70c .25 2.40	
					Digitalis. White tinted violet, 36 in. ....	1/4 oz.,	50c .25 1.80	
					<b>Heterophyllus.</b> Blue Gem. X Flowers bright blue. June to August, 1 to 2 ft. ....	1/4 oz.,	60c .25 2.00	
					Glaber. Blue, 36 in. ....	1/4 oz.,	50c .25 1.80	
					Grandiflorus. Excellent, easily-grown, long lasting cut-flower. Lavender-blue. 3 ft. ....	1/4 oz.,	70c .25 2.40	
					Pubescens. Reddish blue, lips white, 18 in. ....	1/4 oz.,	70c .25 2.40	
					<b>Phlox Decussata.</b> Perennial varieties mixed. Seed germinates slowly. 3 ft. ....	lb.,	\$16.00; 1/4 oz., 40c .25 1.40	

Rock plants are followed by X and the heights given are of the plants when in bloom.



PRIMULA (Veris Polyanthus)



PRIMULA Cashmiriana (Lilac)



PRIMULA Auricula

## Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.		
<b>Physalis Franchetti</b> (Chinese Lantern Plant),	\$.15	\$.60		
<b>Physostegia Virginica</b> . Rosy-lilac, 4 ft.	1/4 oz., 40c	.25	1.40	
<i>Virginica Alba</i> . White, 36 in.	1/4 oz., 40c	.25	1.40	
<i>Compacta</i> . Dwarf, rose.	1/4 oz., 50c	.25	1.80	
<i>Gigantea</i> . Lilac-rose, 4 ft.	1/4 oz., 50c	.25	1.80	
<b>Platycodon Grandiflorum</b> . Blue, 28 in.	.15	.60		
<i>Grandiflora</i> . <i>Alba</i> . White, 28 in.	1/4 oz., 25c	.15	.80	
Mixed, 28 in.	.15	.60		
<i>Early Flowering Giant White</i> . 28 in.	1/4 oz., 45c	.20	1.40	
<i>Early Flowering Giant Blue</i> .	1/4 oz., 45c	.20	1.40	
<i>Praecox Gigantea</i> , early flowering blue	1/4 oz., 60c	.25	2.00	
<i>Mariesii</i> . Dark blue, dwarf, 16 in.	1/4 oz., 70c	.25	2.40	
<i>Alba</i> . White and faint blue, dwarf, 16 in.	1/4 oz., 70c	.25	2.60	
<b>Polemonium Coeruleum</b> . Jacob's Ladder. Blue. 30 in.	.15	.50		
<i>Coeruleum Album</i> . White, 30 in.	.15	.60		
<i>Prima Donna</i> . Dwarf, delicate blue, 12 in.	.15	1.00		
<i>Reptans</i> X Pale bluish-purple, 6 in.	1/4 oz., 70c	.25	2.40	
<i>Richardsoni</i> . Dwarf, blue, early, 20 in.	.15	.80		
<b>Polyanthus</b> . (See Primula Veris).				
<b>Potentilla Formosa</b> X Light red, 12 in.	1/4 oz., 50c	.25	1.80	
<i>Nepalensis</i> X Miss Willmott. Bright carmine, 12 in.	1/4 oz., 50c	.25	1.80	
<i>Roxana</i> . Brilliant salmon with darker veins, 18 in.	1/8 oz., 50c	.25	1.80	
<i>Rupestris</i> X. White, 12 in.	1/4 oz., 50c	.25	1.80	
<i>Warrensi</i> . A lovely new plant for the sunny hardy border. Reaches a height of about 2 feet and is covered with large, pure yellow blossoms all summer long. Suitable for cutting.	1/4 oz., 85c	.35	3.00	
Double Mixed, 20 in.	1/4 oz., 90c	.35	3.40	
Single Mixed, 26 in.	1/4 oz., 30c	.15	1.00	

### PRIMULA

<b>Auricula</b> . X Extra choice mixed, 6 in.	1/4 oz., \$1.00	.35	3.80	
Large Flowering. Mixed, 6 in.	1/8 oz., 1.00	.50	6.00	
Giant Flowered. Mixed, 6 in.	1/8 oz., 1.40	.75	10.00	
<b>Beesiana</b> . X Purple large yellow eye. 16 in.	1/8 oz., 1.00	.50	....	
<b>Bullesiana Hybrida</b> . X Fine shades of yellow, orange, apricot and carmine. May-June. 18 in.	1/8 oz., \$1.20	.50	....	
<b>Bulleyana</b> . Flowers yellow, bud terra-cotta	1/8 oz., 85c	.50	....	
<b>Cashmiriana</b> . Lilac, early, hardy, 12 in.	1/32 oz., \$1.00	.50	....	
<b>Cortusoides</b> . Rose, 10 in.	1/8 oz., 1.00	.50	....	
<b>Denticulata Grandiflora Hybrida</b> X. 12 in.	1/16 oz., 1.40	.50	....	
<b>Floribunda Grandiflora</b> . Yellow, for pots. 1 ft.	.75	....	....	
<b>Florindae</b> . Fragrant, bright yellow pendant flowers. 3 to 4 ft.	1/16 oz., 50c	.25	....	
<b>Japonica</b> . All Red X 1 1/2 ft.	1/8 oz., 90c	.50	....	
<b>Japonica Mixed</b> . X White, purple, black and carmine, Spring, 15 in.	1/4 oz., 60c	.25	2.00	
<b>Japonica</b> . X Special strain, 20 in.	1/8 oz., \$1.00	.50	....	

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### PRIMULA—Continued

	Trade pkt.	Oz.	
<b>Lisadell Hybrida Red Hugh</b> . X Intense fiery red flowers produced in tiers growing to two feet in height. June.	1/2 oz., \$1.00	.35	....
<b>Pulverulenta</b> . X Shining purple-carmine. May-June. As hardy as Polyanthus. 16 in.	1/8 oz., \$1.00	.35	....
<i>Bartley Strain</i> . Beautiful shades of rose and pink, 3 ft.	1/32 oz., \$1.00	.50	....
<b>Rosea Grandiflora</b> , X Rose-carmine, May-June. 8 in.	1/32 oz., 85c	.50	....
<b>Sikkimensis</b> . Yellow. 15 in.	1/16 oz., \$1.20	.50	....

### PRIMULA VERIS KLEYNII

It has heavy stems, average length 8 to 12 inches carrying immense heads of 15 to 25 florets, each floret 1" to 1 1/2" in diameter, rich golden yellow shaded apricot towards center. Plants average 6 flower spikes each, perfectly hardy outside anywhere in the U. S. A. Plants forced in winter can be divided up and planted out in April. Those develop strong plants for the hardy border, rockery, or for forcing the following winter. Large heavy leaves. 100 seeds 40c; 250 seeds 85c; 1000 seeds \$3.00.

	Trade pkt.	Oz.	
<b>Veris (Polyanthus)</b> . X Fine mixed. Spring. 12 in.	1/4 oz., 60c	\$0.25	\$2.20
<i>Coerulea</i> . X Dark blue. 1 ft. 100 seeds, 25c; 1,000 seeds, \$1.50	1/4 oz., 50c	.25	1.80
<i>Grandiflora</i> . X Mixed. 1 ft.	1/4 oz., 85c	.35	3.00
<i>Excelsior strain</i> of large-flowering varieties.	1/8 oz., \$1.20	.50	....
<i>Mrs. Berkeley's Strain</i> . Very fine new race with large flowers.	1/8 oz., \$1.00	.35	....
<i>Gigantea Teicher's Giant Mixed</i> .	100 Seeds 30c; 1000 Seeds \$2.60		
<i>Munstead Strain</i> . X Flowers of largest size, fine shades including yellow and white, 12 in.	1/4 oz., \$1.20	.50	4.00
<i>Gold-laced</i> . Finest varieties mixed.	1/8 oz., .70	.25	....
<i>Lutea</i> . X Yellow, 12 in.	1/8 oz., .70	.25	....
White. 12 in.	1/8 oz., .90	.35	....
Red shades. 12 in.	1/8 oz., .90	.35	....
<i>Acaulis</i> , Mixed.	1/8 oz., 1.20	.25	....
<i>Coerulea</i> . Blue. 500 seeds, \$1.00; 1000 seeds, 1.80		....	....
<b>Vulgaris</b> . X True. Yellow Primrose, 6 in.	1/4 oz., 80c	.35	2.80
<b>Prunella Grandiflora Rosea</b> . Carmine rose, 10 in. Dwarf perennial for border.	1/4 oz., 75c	.25	....
<b>Pueraria Thunbergiana</b> (Kudzu Vine)	1 lb., \$3.00	.10	.30

### IMPORTANT NOTICE

For your own protection as a Florist or Nurseryman entitled to the wholesale prices given in this list, we request you to reserve Vaughan's Mid-Summer List for your own use. The prices quoted are for the trade only, and we decline to accept orders at these prices from persons not in the trade.

## Seeds of Biennials and Hardy Perennials



**PYRETHRUM** Roseum Double White.



**THALICTRUM**



**SALVIA** Azurea Grandiflora

**PYRETHRUM**

Trade pkt. Oz.

Roseum. Pink, 30 in.....	¼ oz., 50c	\$0.25	\$1.80
Album. White, excellent.....	¼ oz., 50c	.25	1.80
Atrosanguineum. Dark red shades.....	¼ oz., 70c	.35	2.40
Carneum. Flesh.....	¼ oz., 45c	.25	1.60
James Kelway. Dark blood-red.....	¼ oz., 80c	.35	2.80
Grandiflorum Rubrum. Deep ruby red.....	¼ oz., 50c	.35	.....
Album.....	¼ oz., 1.20	.35	.....
Roseum.....	¼ oz., 1.20	.35	.....
Mixed.....	¼ oz., 50c	.25	1.80
Comet-Flowered. Single and semi-double with twisted petals.....	¼ oz., \$1.80	.35	.....
Double Blood-Red. A warm shade coming fairly true from seed.....	¼ oz., \$1.80	.50	.....
Double White. New selection.....	¼ oz., 1.20	.50	.....
Double Pink, very choice.....	¼ oz., 1.80	.50	.....
Double Salmon.....	¼ oz., 2.00	.75	.....
Double mixed. Extra choice.....	¼ oz., 1.00	.50	3.60
Cinerariaefolium. Persian Insect Powder Plant. White, for cutting, 2 ft.....	¼ oz., 40c	.15	1.40
Ptarmicaeflorum. Silvery white, graceful feathery foliage, excellent for florists' work; valuable for pots, beds, edgings rockeries.....	¼ oz., \$1.00	.35	.....
Tchihatchewii. (Turfing Daisy). White, for poor soils. 6 in.....	¼ oz., 50c	.25	1.80
Uliginosum. Giant Daisy. White; late bloomer. 4ft.....	¼ oz., 90c	.35	3.20

<b>Ramonda</b> Pyrenaica. Flat leaved rosettes, soft violet Verbascum-like flowers, fine dwarf alpine, 6 in.....	100 seeds, \$1.00	.....	.....
Pyrenaica Alba. Beautiful white flowers. 2 ft.....	100 seeds, \$1.40	.....	.....
<b>Ranunculus</b> Asiaticus Superb. Mixed.....	lb., \$6.00	.15	.60
Double Camellia Flowered. Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in.....	¼ oz., \$1.20	.50	4.00
Palafior. A strain selected from the Palestine and Florentine combining the best features of both and producing enormous double flowers of greatest range of colors.....	lb., \$40.00; ¼ oz., \$1.20	.50	4.00
Vaughan's Super Hybrids Mixed.....	¼ oz., \$1.50	.75	5.00
<b>Rehmannia</b> Angulata. Rose and red shades, 24 in.....	¼ oz., 90c	.35	3.40
.....	¼ oz., 40c	.25	1.40
<b>Rock Plants. Perennial Mixed</b> .....	¼ oz., 40c	.25	1.40
<b>Romneya</b> Coulteri (California Giant Poppy). Beautiful snowy-white fragrant flowers. 4 ft.....	¼ oz., 60c	.35	2.00
<b>Rosa Polyantha</b> Nana Multiflora fl. pl. X. The baby rose for rock gardens, blooms in 10 weeks, resembles Rose Rouletti, clean seed.....	¼ oz., 85c	.35	3.00

Trade pkt. Oz.

<b>Rudbeckia</b> Newmanii. Vivid yellow, 24 in.....	¼ oz., 40c	\$0.25	\$1.40
Laciniata fl. pl. (Golden Glow).....	½ oz., \$1.20	.50	.....
My Joy (Giant Black-Eyed Susan). Large orange-yellow flowers.....	¼ oz., 40c	.25	1.40
Purpurea (Echinacea). 4 ft.....	¼ oz., 40c	.25	1.40
Hybrida. Mixed colors.....	¼ oz., 50c	.25	1.70
Fulgida. Yellow, disc dark, very free, 38 in.....	¼ oz., 30c	.15	1.00
<b>Salvia</b> Argentea (Silver-leaved Sage). 36 in.....	.....	.15	.60
Azurea Grandiflora. Stately willow-like growth, spikes of pale blue flowers, in fall, 4 ft.....	¼ oz., 50c	.25	1.80
Nutans. Blue, 3 ft.....	¼ oz., 80c	.35	2.80
Patens. Sky-blue, 30 in.....	¼ oz., 80c	.25	2.80
Pratensis. Dark blue, 30 in.....	¼ oz., 50c	.25	1.80
Atro-vioacea. Dark violet, 20 in.....	¼ oz., 50c	.25	1.60
Sclarea. Blue Beard. Dark blue. 1 ft.....	.....	.15	.50
Turkestanica. Bracts white to lilac. 4½ ft.....	¼ oz., 50c	.25	1.80
Verbascifolia Syria. Tall spikes of dark blue flowers, hairy within and without. 5 ft.....	¼ oz., 50c	.25	1.80
<b>Santolina</b> Tomentosa. Yellow, silvery foliage, 2 ft.....	¼ oz., \$1.00	.50	.....
<b>Saponaria</b> X Ocymoides Splendens. Pink, trailing..	.....	.15	.60
Officialis. Bouncing Bet. Whitish, 2 ft.....	.....	.15	.80
<b>Saxifraga</b> Aizoon. X Creamy white silver braided. 6 in.....	.....	.50	.....
Cordifolia X A fine rock plant, 24 in.....	.....	.....	.....
.....	100 seeds, 35c; 1000 seeds, \$2.50	.....	.....
Decipiens Grandiflora. X White, 18 in.....	¼ oz., 75c	.35	.....
Hybrida. Purple Robe. X Carmine, with purple reflex, 8 in.....	½ oz., 80c	.35	.....
Lingulata Leichtlini. Vivid rose, 28 in.....	.....	.....	.....
.....	100 seeds, 30c; 1000 seeds, \$2.50	.....	.....
Megasea Species. Large leathery leaves with short stemmed racemes of flowers. Spring.....	¼ oz., \$1.40	.75	.....
Sarmentosa "Mother of Thousands." 100 seeds, 25c.....	.....	.....	.....
.....	1000 seeds, \$2.00	.....	.....
Perennial Species mixed.....	¼ oz., 50c	.35	.....
Mossy Varieties mixed.....	¼ oz., \$1.00	.50	.....
<b>Sedum</b> X Acre (Golden Moss). 3 in.....	¼ oz., 70c	.25	.....
Aizoon. Yellow with brown. 5 in.....	¼ oz., \$1.20	.50	.....
Anglicum. Foliage blue-green, flowers white with peach-blossom. June-July, 4 in.....	¼ oz., \$1.20	.50	.....
Hybridum. Yellow. 6 in.....	.....	.35	.....
Middendorffianum. Creeping. Buds orange, flowers dark golden-yellow. July. 6 in.....	.....	.50	.....

Rock Plants are followed by X and the heights given are of the plants when in bloom.

## Seeds of Biennials and Hardy Perennials



**TROLLIUS (Globe Flower)**



**TRITOMA Red-Hot Poker Plant**



**VALERIANA Garden Heliotrope**

**SEDUM—Continued**

Trade pkt. Oz.

Reflexum. Blue-green foliage, flowers yellow. Creeping, 10 in. ....	1/8 oz., \$1.00	35	
Spurium. Pink flowers, 5 in. ....	1/8 oz., 90c	35	
Coccineum. Brilliant deep rose, 5 in. ....	1/8 oz., \$1.00	35	
Mixed. ....	1/4 oz., 85c	35	
<b>Sempervivum</b> × Perennial species. Mixed, 1 1/8 oz., \$1.20		35	
<b>Senecio Clivorum Orange Queen.</b> Stately border plant; loves moisture. Orange flowers. July. 4 ft. 1/4 oz., 60c		25	
Clivorum Othello. A purple foliaged variety, with dark orange flowers. July-August. 4 ft. 1/4 oz., 55c		25	
<b>Sidalcea Rose Queen.</b> Rose, 4 ft. ....	1/4 oz., 40c	25	\$1.40
Rosy Gem. Mallow rose, 18 in. ....	1/4 oz., 40c	25	1.40
New Hybrids. ....	1/4 oz., 50c	25	1.80
<b>Scabiosa Caucasica.</b> Lavender, 40 in. ....	1/4 oz., 50c	25	1.80
Caucasica Alba. Pure white, 40 in. ....	1/4 oz., 60c	25	2.20
Perfecta. Lavender. 40 in. ....	1/4 oz., 60c	25	2.20
<b>House's New Hybrids.</b> Flowers very large and of beautiful form ranging in color from light azure-blue and lavender to deep blue and silvery white. ....	1/4 oz., 80c	35	2.80
Goldingensis. Large flowers, waved petals, small center, deep lavender. ....	1/4 oz., 85c	35	3.00
<b>Vaughan's Special Mixture.</b> All the above Caucasica types. ....	1/4 oz., 80c	35	2.80
Fischeri. Height about 2 1/2 ft. and requires no stakes, being of neat and tidy habit. Flower is 2 1/2 inches across and is beautiful blue purple color. Flowering growth are clothed with smaller, finely-cut foliage up to the height of a foot or more, these ending in a long, naked flower stem which makes the plant a useful subject for cutting. ....	1/4 oz., 70c	25	2.40
<b>Columbaria Delicate Pink.</b> Deep rosy-mauve. 2 ft. ....	1/4 oz., 60c	25	2.00
Delicate Lavender, 2 ft. ....	1/4 oz., 60c	25	2.00
Japonica. Clear blue flowers, 30 in. ....		15	.50
<b>Scutellaria</b> × <b>Coelestina.</b> Dense bushy habit, abundance of light blue flowers. ....	1/8 oz., 85c	25	
<b>Silene Orientalis.</b> Bright red flowers in terminal umbels. 30 in. ....		15	.50
Alpestris × Sheets of glistening white flowers from May to July. Prefers shade. 6 in. ....	1/4 oz., 80c	25	
<b>Asterias Grandiflora.</b> Large globular crimson-scarlet heads. 18 in. ....	1/4 oz., \$1.20	35	4.00
Saxifraga, Creamy white, tinged red, 10 in. ....	1/4 oz., 60c	25	
Schafta. × Rosy purple, trailing habit, July. 8 in. ....	1/4 oz., 50c	25	1.80
Siberica. × Rose. 18 in. ....	1/8 oz., 70c	25	

<b>Sisyrinchium</b> × <b>Anceps.</b> Blue-eyed grass. Pretty little Iris with grass-like foliage; flowers deep blue with darker eye. May. 7 in. ....	1/8 oz., 60c	\$0.25	\$0.20
<b>Solidago (Golden Rod)</b> × <b>Virgo-aurea Alpestris.</b> Yellow, 10 in. ....	1/4 oz., 70c	.25	\$2.40
Canadensis. 5 ft. ....	1/4 oz., 50c	.25	1.80
<b>Stachys Lanata.</b> Silver leaves, purple flowers, 24 in. ....		.15	.50
<b>Statice Latifolia.</b> Blue. Fine for winter bouquets... 1 ft. ....	1/4 oz., 40c	.20	1.40
Caspia. Tender lilac color, 30 in. ....	1/4 oz., 60c	.35	2.20
<b>Dumosa.</b> Dense cushions of pure silver-gray flowers; an improved Tatarica. 30 in. ....	1/4 oz., 50c	.25	1.60
Incana Nana Alba. White, 14 in. ....		.15	.80
<b>Macrophylla Atro-coerulea.</b> Dark blue. 2 1/2 ft. ....		.25	2.00
Perezii. Violet blue, 30 in. ....	1/4 oz., 45c	.25	1.60
Tatarica (Incana). White, best for dyeing. 18 in. ....		.15	.60
<b>Stokesia Cyanea.</b> Sky-blue, 16 in. ....	1/4 oz., 40c	.25	1.40
Cyanea Alba. White. 16 in. ....	1/4 oz., 40c	.25	1.40
Mixed. ....	1/4 oz., 40c	.20	1.30
<b>Teucrium (Germander) Chamaedrys.</b> Grey foliage, spreading habit, small rose colored flowers, 8 in. ....		.25	....
<b>Thalictrum Aquilegifolium (Meadow Rue).</b> Graceful foliage, mixed colors, 40 in. ....	1/4 oz., 40c	.25	1.40
Adiantifolium. Flowers yellow, 18 in. ....	1/4 oz., 40c	.20	1.40
<b>Dipterocarpum.</b> Rosy purple. 4 to 5 ft. 1/4 oz., 45c		.25	1.60
Glaucum. Bronze-yellow, June, 4 ft. ....		.15	.80
<b>Thermopsis Caroliniana.</b> Yellow pea-shaped flowers in long racemes. 3 ft. ....	1/4 oz., 70c	.25	2.40
<b>Thymus Serpyllum.</b> × (Wild Thyme). Creeping, purple flowers, 2 in. ....	1/8 oz., 50c	.25	
Serpyllum Coccineum. Bright red. ....	1/8 oz., 60c	.25	....
<b>Tritoma Uvaria Grandiflora (Red-Hot Poker Plant)</b> 40 in. ....	1/4 oz., 40c	.25	1.40
Hybrida, Perpetual-Flowering. 3 ft. ....	1/4 oz., 50c	.25	1.60
Express. Early-flowering, yellow. 3 ft. ....		.20	1.20
Mirabilis. Yellow, blooms first year. 3 ft. ....	1/4 oz., 50c	.25	1.80
Pfitzer's Hybrids. ....	1/4 oz., 50c	.25	1.80
<b>Trollius Ledebouri.</b> Orange. 2 ft. ....	1/4 oz., \$1.35	.50	5.00
<b>Ledebouri Golden Queen.</b> Large orange flowers in early summer. 3 to 4 ft. Extra fine. 1/4 oz., \$1.35		.50	5.00
Europaeus. Yellow. 20 in. ....	1/4 oz., 65c	.35	2.40
Hybridus Earliest Of All. ....	1/4 oz., \$1.20	.50	4.00
Orange Princess. Bright orange. ....	1/4 oz., 1.20	.50	4.00
Mixed. ....	1/4 oz., 1.00	.35	3.40

☞ Put Trollius seed 30 seconds in boiling water before sowing.

Rock Plants are followed by X and the heights given are of the plants when in bloom.



VIOLA Cornuta. In Flower All Summer



YUCCA Filamentosa

## Seeds of Biennials and Hardy Perennials

	Trade	pkt.	Oz.	
<b>Tunica</b> × Saxifraga. Lilac-rose, May, 10 in.....	\$0.15		\$0.60	
<b>Valeriana</b> Alba white (Garden Heliotrope). 36 in....	.15		.60	
Rubra (Coccinea). Scarlet. 36 in.....	.15		.60	
Mixed. White and red.....	.15		.60	
Officinalis. Heads of rose-tinted white flowers. June- July with strong heliotrope odor. 4 ft. ¼ oz., \$1.20	.35		....	
<b>Verbascum</b> Miss Willmott. Large white flowers, 5 ft.	.15		.80	
Harkness Hybrids, 7 ft.....	.15		.80	
Olympicum. Silvery foliage, golden-yellow flowers 6 ft. ..... ¼ oz., 85c	.25		3.00	
Phoenixium Hybrids. Mixed. Graceful spikes in various shades including white, pink, salmon and violet, 2ft.....	.15		.60	
<b>Veronica</b> Amethystina. × Long racemes of bright blue flowers, 1 ft..... ¼ oz., 60c	.25		2.20	
Incana. (Candida). Ageratum-blue, silvery foliage, 12 in..... ¼ oz., 80c	.35		3.00	
Longifolia (Maritima). Compact clusters of blue flowers, 30 in..... ¼ oz., 40c	.25		1.40	
Hendersoni Nana. Dark blue. 12 in., ¼ oz., 50c	.25		1.80	
Repens. × Dwarf branching, pale blue, 2 in., ¼ oz., 60c	.25		2.20	
Spicata. Various shades, 18 in..... ¼ oz., 40c	.25		1.40	
Rosea. Pure pink..... ¼ oz., \$1.00	.35		....	
Teucrium Prostrata. Mixed, 6 in..... ¼ oz., 70c	.25		2.40	
Royal Blue. 1 ft..... ¼ oz., 60c	.25		2.00	
Perennial Species. Mixed..... ¼ oz., 50c	.25		1.80	
<b>Viola</b> × Bosniaca. Free-blooming, rose magenta flowers, summer, 4 in..... ¼ oz., 70c	.25		2.40	
<b>Cornuta</b> . Admiration. Dark blue. 8 in. ¼ oz., 50c	.25		1.60	
Blue Perfection. Light blue. 8 in..... ¼ oz., 50c	.25		1.60	
Chantrevland. A perfect Viola, producing masses of purest apricot flowers..... ⅛ oz., 75c	.35		5.00	
G. Wermig. Rich violet-blue, 8 in..... ⅛ oz., 85c	.50		6.00	
White Wermig. 8 in..... ¼ oz., 60c	.25		2.00	
Ilona. Wine red..... ¼ oz., 50c	.25		1.80	
Jersey Gem. Dark blue. 8 in..... ¼ oz., \$3.60; ⅛ oz., \$2.00	.75		14.00	
Lutea Splendens. Golden yellow. 8 in..... ¼ oz., 50c	.25		1.80	
Mauve Queen. 8 in..... ¼ oz., 50c	.25		1.80	
Nigra (Bowles Black Pansy). Interesting and at- tractive little pansy, pretty small black flowers.	.35		....	
Papilio. Blue and white, 6 in..... ¼ oz., 50c	.25		1.80	
Primrose Perfection. A good yellow.....	.35		....	
Puck. The 2 upper petals are clear purple-violet, the 3 lower, golden-yellow. 6 in..... ¼ oz., 60c	.25		2.20	
Rosea, 6 in. varies..... ¼ oz., \$1.20	.35		4.00	
Spring Messenger. Bright rich purple. ¼ oz., 60c	.25		2.20	

Rock Plants are followed by × and the heights given are of the plants when in bloom.

VIOLA Cornuta—Continued	Trade	pkt.	Oz.	
White Perfection. White. 8 in..... ¼ oz., 50c	\$0.25		\$1.80	
W. H. Woodgate. Pure bright sky blue, the bluest viola in cultivation, large, round flowers on long stems, 9 in..... ⅛ oz., \$3.00	.50		....	
Vaughan's Improved Scotch. Three and five blotched in splendid mixture..... ¼ oz., 75c	.35		2.80	
Mixed. Small Flowering Type..... ¼ oz., 50c	.25		1.80	
Hybrida Apricot. Beautiful rich apricot shades tinged towards center..... ⅛ oz., 60c	.35		4.00	
Arkwright Ruby. Bright ruby crimson, rich and velvety; fragrant..... ⅛ oz., \$1.20	.35		....	
Black Prince. 8 in..... ¼ oz., 50c	.25		1.80	
Blue Butterfly. Mid-blue shading to white. Re- sembles Pansy Beaconsfield..... ⅛ oz., 60c	.35		4.00	
Primrose Dame. Sulphur yellow. 8 in. ¼ oz., 75c	.35		2.80	
Tufted Pansies. Finest mixture of these long and free blooming varieties, 9 in..... ¼ oz., 50c	.25		1.80	
Florariense. Pale lavender..... ⅛ oz., \$1.20	.50		....	
Gracilis, Lord Nelson. Violet-purple, 6 in. ¼ oz., 75c	.35		2.80	
Eisenach Jewel. Small flowered, deep violet.....	.50		....	
Odorata The Czar Blue, Dark blue.... ¼ oz., 70c	.35		2.60	
The Czar White, Large white..... ¼ oz., 70c	.35		2.60	
<b>Wallflower</b> . Double Annual "Early Wonder". This re- markable new Wallflower comes into bloom within 5 months from sowing; seedlings will produce beau- tiful, sweet scented flowers during Winter and early Spring, in the cold frame or a cool house. These must be grown in 4 inch flats, they do not like too much root room. 2 ft.				
Canary-Yellow (Gold Standard)..... ¼ oz., 75c	.25		....	
Golden-Yellow, flaked with brown..... ¼ oz., 75c	.25		....	
Dark Brown..... ¼ oz., 75c	.25		....	
Double Annual Early Wonder Mixed.... ¼ oz., 50c	.25		1.80	
Double Tall Branching, Golden yellow, 2 ft.....	.50		....	
Dark Brown.....	.50		....	
Violet.....	.50		....	
Double Tall Tree. Golden yellow.....	.50		....	
Dark Brown.....	.50		....	
Violet, 2 ½ ft.....	.50		....	
Single Goliath. Early flowering dark brown. 2 ft....	.10		.40	
Mixed.....	.10		.30	
Parisian Forcing, mixed, 15 in.....	.15		.60	
Annual Blood Red.....	.10		.40	
Yellow, 20 in.....	.10		.40	
<b>Wistaria</b> Sinensis. Blue.....	.10		.30	
<b>Yucca Filamentosa</b> (Adam's Needle) 5 ft.... lb., \$3.20	.10		.30	

# Hardy German Iris

"S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

All prices are F.O.B. Western Springs, Ill., packing charges to be added to cost.

## THE RETAILER'S DOZEN

These Irises are all outstanding in their color. They are beautiful, showy varieties in a good assortment that will appeal to the retail buyer. Plant out a collection of these and increase your sales. The cost is very low. Price, any one kind of the following: 60c per 10; \$3.00 per 100; \$25.00 per 1,000.

<b>Ambassadeur</b> , fascinating bronze	<b>Lent A. Williamson</b> , deep purple.
<b>Cecil Minturn</b> , rose-pink	<b>Medrano</b> , dark red
<b>Dream</b> , soft pink	<b>Neptune</b> , large blue bicolor
<b>Iris King</b> , old gold and red	<b>Princess Beatrice</b> , lavender blue
<b>Jeanne d'Arc</b> , white etched blue	<b>Seminole</b> , bright red
<b>Lady Byng</b> , beautiful orchid	<b>Shekinah</b> , soft clear yellow

**Special Offer:** 12 each of the above varieties, 144 Irises, for \$4.80; 25 each of the above varieties, 300 Irises for \$9.00.

<b>Alta California</b> , 48 in. Superb flowers of deep golden yellow, faintly bronzed. An extra fine new yellow.	Each	10	100
<b>Autumn King</b> , 30 in. A large blue-purple bicolor. Flowers in the spring and again in the autumn.	\$3.60	.....	.....
<b>Baldwin</b> , 40 in. Gigantic flowers of a uniform manganese violet color.	.....	.80	\$ 6.00
<b>Ballerine</b> , Early. "S" light violet-blue; "F" deeper. Very fragrant. One of the best.	.....	.20	1.50
<b>Black Wings</b> , 38 in. Large flowers of intense midnight blue overlaid with a frosty black luster.	.....	.75	.....
<b>Blue Velvet</b> , 46 in. A clear, beautiful, very dark blue self, the color of the richest deep blue velvet.	.....	.35	3.00
<b>Buechley's Giant</b> , 40 in. A clear lavender blue bicolor; the flowers are really of giant size.	.....	.35	.....
<b>Cameliard</b> , 48 in. "S" amber yellow; "F" yellow, flushed light purple. A brilliant, light variegata.	.....	.20	1.50
<b>Canopus</b> , 36 in. Dominion seedling. "S" reddish violet; "F" rich pansy violet.	.....	.....	.60 4.00
<b>Chasseur</b> , 36 in. Very fine large flower of deep yellow, becoming lighter with age.	.....	.....	.75 5.00
<b>Cinnabar</b> , 42 in. A fine large flower of rich, velvety-red tone. Withstands rain, wind and sun in fine shape.	.....	.....	1.25 8.00
<b>Clara Noyes</b> , 38 in. Of sensational coloring, a brilliant blending of red, orange and yellow.	.....	.....	.45 4.00
<b>Coronation</b> , 40 in. A brilliant, clear deep golden yellow of fine form and substance.	.....	.....	1.50
<b>Dauntless</b> , 40 in. A brilliant rose-red self.	.....	.....	.35
<b>Depute Nomblot</b> , 50 in. "S" coppery-red, flushed bronze; "F" rich claret crimson. A magnificent Iris.	.....	.....	.40
<b>Desert Gold</b> , 30 in. Very large flowers of soft, luminous yellow. Early flowering; fragrant.	.....	.....	.35
<b>Dolly Madison</b> , 38 in. Best described as a Glorified Quaker Lady. Very fine large flowers.	.....	.15	1.25 10.00
<b>Dorothy Dietz</b> , 38 in. "S" open light chickory blue changing to white; "F" deep pansy violet.	.....	.....	.25
<b>El Capitan</b> , 40 in. Hugh light violet-blue flowers.	.....	.....	.25
<b>Eleanor Roosevelt</b> , 28 in. A Fall blooming variety of very fine deep velvety red-violet.	.....	.....	.50
<b>Frieda Mohr</b> , 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant.	.....	1.20	10.00
<b>Golden Glory</b> , 36 in. A fine medium toned yellow self.	.....	.70	5.00
<b>Golden Harvest</b> , 18 in. A fine yellow fall bloomer.	.....	.35	.....
<b>Gold Imperial</b> , 33 in. Chrome yellow throughout except for conspicuous orange beard.	.....	.....	.75 5.00
<b>Grace Sturtevant</b> , 36 in. Rich colored and showy. "S" dark red-brown, with darker velvety falls.	.....	.25	2.00
<b>Helios</b> , 44 in. An enormous, luminous, lemon yellow Iris with delicate rose-purple linings on the falls.	.....	.....	.35
<b>Hermene</b> , 40 in. Deep pink blend, golden center.	.....	.....	.35
<b>Indian Chief</b> , 40 in. "S" beautiful reddish pink; "F" deep rich glowing velvety red. Very striking.	.....	.20	1.50
<b>Imperator</b> , Very similar to Seminole, but duller in color and a taller grower. Late.	.....	.....	.75 5.00
<b>Jean Cayeux</b> , 38 in. A beautiful blending of coffee brown with a golden glint. A masterpiece.	.....	.....	3.00
<b>King Juba</b> , 38 in. "S" pure clear yellow; "F" wide, deep velvety red. A striking variegata.	.....	.....	.35 3.00
<b>King Karl</b> , 27 in. "S" light pinkish cinnamon, ruffled; "F" cream, sprinkled purple. Good plicata.	.....	.....	1.00 8.00
<b>King Tut</b> , 34 in. A brilliant red-brown bicolor.	.....	.....	.25 2.00
<b>Labor</b> , 36 in. "S" dark violet heliotrope; "F" a deeper shade. An absolutely new color.	.....	.....	1.00 8.00
<b>Lord of June</b> , "S" flappy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris.	.....	.....	.75 5.00
<b>Los Angeles</b> , 40 in. Giant, snowy-white flowers of satin texture; standards edged lavender-blue.	.....	.....	.35 3.00
<b>Mareschal Ney</b> , 36 in. A very rich bicolored red with a chestnut brown tone. Large flowers.	.....	.....	.25 2.00
<b>Midgard</b> , A yellow and pink blend of great beauty.	.....	.....	1.25 10.00
<b>Morning Splendor</b> , 40 in. Delightfully fragrant; gives a beautiful red effect in the garden.	.....	.....	.75 5.00
<b>Mrs. Valerie West</b> , 42 in. "S" bronze flushed with lavender; "F" massive and flaring, deep, velvety crimson brown. Exceedingly large handsome flowers.	.....	.....	.30 2.50
<b>Nebraska</b> , 34 in. Large flowers of rich apricot yellow, the falls striped brown.	.....	.....	.20 1.75
<b>Nightshade</b> , 42 in. A new and beautiful dark blue self on wide branching stems. Fragrant.	.....	.....	.20 1.75
<b>No-We-Ta</b> , 35 in. A beautiful true pink self in effect with yellow flushes at the center. Flowers frilled.	.....	.....	.60
<b>Pink Satin</b> , 42 in. Large, finely shaped flowers of a very delicate, yet glistening pink.	.....	.....	.60 5.00

<b>IRIS—Continued</b>	Each	10	100
<b>Pacific</b> , 36 in. A magnificent deep pure blue.	\$0.30	.....	.....
<b>Pluie d'Or (Golden Rain)</b> , 40 in. Probably the best pure golden yellow self yet introduced.	.....	.15	\$1.25
<b>Prospero</b> , "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin. Deep orange beard.	.....	.....	1000, \$25.00
<b>Queen Caterina</b> , Pale lavender-violet, with orange beard; white haft, veined bronze.	.....	.....	.60 3.00
<b>Rameses</b> , 36 in. A large blend of russet rose, pink and buff. Attracts immediate attention.	.....	.....	.25 2.00
<b>Santa Barbara</b> , 40 in. This is probably the finest of pure lavender-blue Irises. Of perfect form with flaring falls.	.....	.....	1.20 8.00
<b>Sensation</b> , 48 in. Enormous corn-flower blue flowers of perfect form and heavy substance.	.....	.....	.35 3.00
<b>Sierra Blue</b> , 48 in. Enormous flowers of soft, clear enamel-like blue. A 1935 medal winner.	.....	.....	1.50
<b>Souv. de Mme. Gaudichau</b> , "S" Bradley's violet; "F" brilliant black-purple. Millet's best variety.	.....	.....	.75 5.00
<b>Susan Bliss</b> , 42 in. Deep rose-pink.	.....	.....	.75 5.00
<b>Taj Mahal</b> , 36 in. A very fine pure white.	.....	.....	.75 5.00
<b>Tenebrae</b> , 36 in. A richly colored Dominion seedling. "S" violet-purple shaded maroon; "F" black-purple.	.....	.....	.80 6.00
<b>Trostringer</b> , 36 in. White flushed apple blossom pink. A very lovely variety.	.....	.....	1.00
<b>True Charm</b> , 40 in. Fine large flowers of white with the margins delicately etched lavender.	.....	.....	.80 6.00
<b>Ultra</b> , 14 in. A beautiful ultramarine blue bicolor. Fall bloomer.	.....	.....	.20 1.50
<b>Valencia</b> , 30 in. A bright orange buff, similar to the color of the Valencia orange.	.....	.....	1.25 10.00
<b>Vesper Gold</b> , 42 in. A new distinct yellow suffused with violaceous reflections. A beautiful Iris.	.....	.....	.75 5.00
<b>Venus de Milo</b> , 49 in. Pure white with a rich creamy tone. Large flowers of perfect form.	.....	.....	.60
<b>Wamblisko (White Eagle)</b> , 45 in. The largest and finest of the really hardy white Irises.	.....	.....	.35
<b>White Knight</b> , 24 in. A beautiful snow-white Iris.	.....	.....	.75 5.00
<b>Wm. Mohr</b> , 26 in. Large flower of pale lilac, beautifully veined manganese-violet.	.....	.....	.25 2.00

Price, any one kind of the following: 60c per 10; \$3.00 per 100; \$25.00 per 1000.

<b>Afterglow</b>	<b>Kalos</b>	<b>Queen of May</b>
<b>Alcazar</b>	<b>La Neige</b>	<b>Raffet</b>
<b>Alcheveque</b>	<b>Lohengrin</b>	<b>Rhein Nixe</b>
<b>Benbow</b>	<b>Miranda</b>	<b>Rosalba</b>
<b>Caprice</b>	<b>Mlle. Schwartz</b>	<b>Roseway</b>
<b>Crusader</b>	<b>Mme. Chobaut</b>	<b>Rotorua</b>
<b>Cluny</b>	<b>Moliere</b>	<b>Sherwin Wright</b>
<b>Corrida</b>	<b>Monsignor</b>	<b>Sweet Lavender</b>
<b>Dalila</b>	<b>Mrs. Hetty Matson</b>	<b>Troost</b>
<b>Dejazet</b>	<b>Mrs. Walter Brewster</b>	<b>Ute Chief</b>
<b>Empress of India</b>	<b>Ochracea</b>	<b>W. J. Fryer</b>
<b>Isoline</b>	<b>Opera</b>	<b>Zwanenburg</b>
<b>Junjata</b>	<b>Prosper Laguier</b>	

## VARIOUS IRIS

<b>Cristata</b> , Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden.	Each	10	100
<b>Pseudacorus</b> , (Common Yellow Water Flag.) Bright yellow. Fine for waterside plantings.	.....	\$1.25	\$10.00
<b>PUMILA Hybrida</b> , 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris.	.....	1.25	10.00
<b>Dixmude</b> , "S" aniline blue; "F" rich purple.	.....	1.00	6.00
<b>Orange Queen</b> , Clear deep yellow.	.....	1.20	10.00
<b>White</b>	.....	1.00	8.00
<b>SIBIRICA</b> , Butterfly. Lovely porcelain blue.	.....	.80	5.00
<b>Emperor</b> , Large flowers of deep violet-blue.	.....	1.00	6.00
<b>Geo. Wallace</b> , (Azure blue.) "F" marked white.	.....	.60	4.00
<b>Orientalis</b> , Rich, deep purple.	.....	.50	3.00
<b>Perry's Blue</b> , A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue.	.....	1.00	5.00
<b>Snow Queen</b> , Large ivory-white.	.....	1.00	6.00
<b>Mixed</b>	.....	.50	3.00
<b>VERSCOLOR</b> , (Common American Water Flag.) Showy violet-blue. Blooms for a long time.	.....	1.00	8.00

## JAPANESE IRIS (Kaempferi)

<b>Azure</b> , Large delicate mauve-blue flowers. Double.	.....	1.80	15.00
<b>Gold Bound</b> , White with gold banded center. Double. Early.	.....	1.50	12.00
<b>Iso-No-Nami</b> , Suffused rose and blue over white. A large double; late.	.....	2.20	18.00
<b>Kumochi-Guma</b> , Dark purplish indigo. Midseason. Double.	.....	1.80	15.00
<b>Mahogany</b> , Velvety mahogany red. Double.	.....	2.20	18.00
<b>Momigi-No-Taki</b> , Variegated rosy carmine. Double.	.....	2.20	18.00
<b>Norma</b> , Exquisite silky lavender-pink with clear blue halo surrounding a yellow blotch at center. Fine large double. The best pink Iris.	.....	.50	4.00 35.00
<b>Purple and Gold</b> , Rich violet-purple. Gold center. Double. Midseason.	.....	1.50	12.00
<b>Seacrest</b> , Six large wavy white petals with a deep blue haft.	.....	1.80	15.00
<b>Uchiu</b> , Cerulean blue, veined white. Gold center. Double.	.....	1.80	15.00
<b>Warai Hotei</b> , Dark blue with light veins. Double.	.....	2.20	18.00
<b>Mixed Seedlings</b>	.....	1000, \$50.00	.75 6.00

# Vaughan's Peonies

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

WE HAVE an exceptionally large stock of our own growing. Strictly true to name, all in strong divisions, with from 3 to 5 eyes each.

The figures preceding the varieties are the rating given to them by the American Peony Society.

Peonies in established plantings need to be fed each Spring. A top-dressing of Vaughan's Plant Ration (5-8-7) well worked in will do wonders, but it should be applied early.

## WHITE AND LIGHT SORTS

	Each	10	100
8.8 Alsace-Lorraine. Creamy white; late.....	\$0.35	\$2.50	\$18.00
8.7 Avalanche. Pure snow-white, with a few penciling of carmine on the edge of the center petals; fragrant. A splendid white; crown type; late midseason.....	.20	1.50	12.00
9.0 Baroness Schroeder. Rose type; late. White with shadings of flesh. Good storage variety.....	.35	2.50	20.00
7.8 Duc de Wellington. Very large, well-formed sulphur-white bloom, stems very firm and long.....	.20	1.50	10.00
8.1 Duchess de Nemours. Early, Sulphur-white; fragrant, good commercial variety.....	.20	1.50	12.00
9.2 E. B. Browning. A very large white. Late.....	.60	5.00	.....
8.9 Enchantresse. Large creamy white. Rose type very late.....	.40	3.00	25.00
9.3 Festiva Maxima. Very popular large white. Early.....	.20	1.50	12.00
9.1 Francis Willard. Exquisite bluish-white, of good substance and a fine cut-flower variety.....	.40	3.50	30.00
8.9 Jubilee. Very large ivory-white; early.....	.40	3.00	25.00
9.8 Kelway's Glorious. Cream white; mid-season.....	1.25	10.00	.....
8.3 La Rosiere. White with cream-white center; semi-double; midseason.....	.30	2.50	15.00
9.9 LeCygne. The highest rated white.....	1.25	10.00	.....
7.9 Madame de Verneville. Delicate rose-white, very desirable. June rose fragrance. Early.....	.20	1.50	12.00
9.4 Mme. Jules Dessert. White with delicate tints of flesh and straw. Strong growing, free flowering and a great prize winner; midseason.....	.40	3.50	30.00
8.5 Marie Lemoine. Large, compact, pure white, cream-white center, carmine tips. Fragrant; late.....	.30	2.50	15.00
7.8 Miss Salway. Lilac white. Early midseason.....	.40	3.00	.....
8.3 Mons. Dupont. Very large, cup-shaped flower; ivory-white; center petals splashed with carmine; fragrant; a strong grower; very tall; midseason.....	.25	2.00	15.00
8.6 Primevere. Sulphur-yellow. Bomb type; very fragrant; mid-season.....	.60	5.00	.....
9.7 Solange. Deep cream, tinged with amber. Late.....	.50	4.00	.....
9.4 Tourangelle. Pearl-white overlaid with delicate shades of salmon. Late.....	.50	4.00	.....

## LIGHT AND DARK PINK AND ROSE

7.1 Alexander Dumas. Bright pink, intermixed with creamy white petals. A fine cut-flower variety.....	.15	1.20	10.00
8.7 Claire Dubois. Clear, satiny pink, with glossy reflex. Late midseason.....	.30	2.50	20.00
7.7 Dorchester. Creamy flesh-color, tinged with pink.....	.15	1.20	10.00
7.6 Edulis Superba. Bright clear mauve-pink with silvery reflex; fragrant. This variety is usually in bloom by Decoration Day.....	.20	1.50	12.00
7.5 Floral Treasure. Large full flower of clear lilac-pink; mid-season.....	.20	1.50	12.00
7.9 Georgiana Shaylor. Pale rose-pink; midseason.....	.50	4.00	35.00
7.9 Jeanne d' Arc. Soft pink, intermingled with petals of bright pink and sulphur-yellow.....	.20	1.20	10.00
9.1 Lady A. Duff. Enormous pale pink; midseason.....	.35	3.00	20.00
9.0 La France. Soft appleblossom-pink; late midseason.....	.50	4.00	35.00
7.5 La Tulipe. Delicate pink, outer petals striped with red tulip markings; midseason; fragrant.....	.20	1.20	10.00
Lillian Gumm. Shell-pink deeper in center. Rose type; very fragrant; late mid-season.....	.90	7.50	.....
7.3 L'Indispensable. Fresh hydrangea-pink.....	.15	1.20	10.00
8.1 Livingstone. Solid light pink. Late.....	.30	2.00	15.00
7.9 Mad. Ducl. Light rose, silver reflex. Resembles the variety Mons. Jules Elie. Midseason.....	.20	1.50	12.00
8.5 Mad. Emile Galle. Shell-pink. Rose type; fragrant; late.....	.25	2.00	15.00
7.7 Mad. Forel. Immense, compact, bell-shaped bloom. Clear deep rose; very fragrant; late.....	.20	1.50	12.00
7.9 Mad. Joanne Sallier. Rose-pink; early.....	.40	3.00	.....
8.4 Marguerite Gerard. Very pale hydrangea-pink.....	.30	2.50	15.00
9.1 Martha Bulloch. Soft rose-pink. Late.....	.60	5.00	.....
8.7 Mary P. King. Light coral-pink.....	.60	5.00	.....
9.0 Mary Woodbury Shaylor. Clear pink with cream center; midseason.....	.75	5.00	.....
Minamota. Vivid rose-pink with a mass of yellow stamens. Almost semi-double. Very unusual.....	.60	5.00	.....
7.8 Modèle de Perfection. Light violet-rose. Free-blooming and fragrant. Late.....	.20	1.50	12.00
9.2 Mons. Jules Elie. Immense early pink.....	.30	2.50	20.00
8.5 Octavie Demay. Delicate hydrangea-pink. Dwarf. Early.....	.25	2.00	12.00
8.2 Pierre Duchartre. Rose type; late. Large, compact flowers of a delicate flesh-pink; fragrant.....	.40	3.00	25.00
8.7 President Taft. See Reine Hortense.....	.....	.....	.....
8.7 Reine Hortense (President Taft). One of the finest Peonies. A vigorous, strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink, center flecked crimson. Midseason. This variety and Sarah Bernhardt are two pink Peonies of highest quality for all purposes.....	.35	2.50	18.00

8.8 Rosette. Delicate shell-pink shading to a salmon at base of petals.....	Each \$0.60	10 \$4.00	100 \$20.00
9.0 Sarah Bernhardt. Appleblossom-pink; late mid-season. Fine cut-flower and storage variety.....	.35	2.50	20.00
9.1 Souvenir de Louis Bigot. Bright bengal-rose. Large rose form; midseason.....	.40	3.50	30.00
9.8 Therese. Violet-rose, changing to lilac-white; mid-season.....	.60	5.00	40.00
8.3 Venus. Delicate shell pink. Crown type; midseason.....	.30	2.50	20.00
9.3 Walter Faxon. Bright delicate rose.....	.60	5.00	40.00

## RED AND CRIMSON

8.7 Auguste Dessert. Velvety crimson-carmine with silvery reflex.....	.60	5.00	35.00
7.8 Augustin d'Hour. Bomb type; midseason. Color very deep, rich, brilliant solferino-red with slight silvery reflex.....	.25	2.00	15.00
8.6 Cherry Hill. Deep garnet with conspicuous sheen; midseason.....	.50	4.00	35.00
8.4 Felix Crousse. Good red for florists. Late mid-season.....	.20	1.80	15.00
8.2 Grover Cleveland. Rich dark crimson; late.....	.25	2.00	15.00
Inspector Laverne. Vivid crimson.....	1.25	10.00	.....
8.8 Karl Rosefield. Very large flower, globular semi-rose type. Extremely vigorous grower; tall, early.....	.25	2.00	15.00
7.8 Lord Kitchener. Brilliant cherry-red; early mid-season.....	.30	2.50	20.00
9.0 Longfellow. Bright crimson. Semi-rose type; tall; late midseason.....	.40	3.50	30.00
6.9 Louis Van Houtte. Deep carmine-rose.....	.20	1.50	12.00
7.5 Marschal Valliant (Grandiflora Rubra). Light red, resembling the American Beauty Rose. Late.....	.20	1.50	12.00
8.7 Mary Brand. Vivid crimson of immense size; full double; a free-bloomer and a strong grower; delightful fragrance; midseason.....	.40	3.50	25.00
8.2 Mme. Gaudichau. Brilliant dark red. Late.....	.50	4.00	.....
8.8 Mons. Martin Cahuzac. Dark purple-garnet with black reflex.....	.60	5.00	.....
8.6 Officinalis Rubra Plena. Old-fashioned red.....	.50	4.00	35.00
9.2 Philippe Rivoire. Brilliant crimson. Late.....	1.00	9.00	.....
8.8 Richard Carvel. Very early, deep red.....	.40	3.00	25.00
Tenuifolia Flora Plena. (Double Fern-leaf Peony) Brilliant dark crimson. Very early.....	1.25	10.00	.....

## JAPANESE-FLOWERED PEONIES

9.2 Ama-No-Sode. Bright-rose, shading lighter toward the edge of the petals; similar to Tamabako.....	1.00	9.00	75.00
Distinction. A large flower with broad petals of very deep pink; center of narrow filamental petals of same color, irregularly streaked with golden lines.....	.50	4.00	.....
8.2 Flashlight. Pale Tyrian rose with dull golden center.....	1.00	9.00	.....
9.2 Fuyajo. Rich dark maroon guards.....	.90	7.50	.....
8.2 Gold Mine. Petals deep rose; deep gold center.....	.40	3.50	30.00
9.3 Isani Gidui. Large pure white with buff-yellow center.....	2.00	.....	.....
8.6 Mikado. Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids; edged and tipped gold.....	.50	4.00	.....
Ruigegno. Clear red with golden petaloids.....	1.00	9.00	.....
8.2 Snow Wheel. Waxy White.....	1.25	10.00	.....
9.0 Some Ganoko. Clear dark crimson with yellow petaloids.....	1.25	10.00	.....
8.0 Torpilleur. Guard petals lively purplish-carmine; central filamentous petals of same tint but streaked and tipped with yellow.....	.60	5.00	40.00

## SINGLE PEONIES

	Each	10	100
Unusually fine for Landscape Work			
Fusyama. Soft-colored flesh-pink.....	.40	3.00	25.00
8.4 La Fiancee. Pure white.....	.40	3.50	.....
8.1 L'Etincelante. Very broad petals of bright carmine with silvery border; golden stamens.....	.60	5.00	.....
Nympe. Large flowers of bright flesh pink, golden stamens.....	.50	4.00	.....
Perle Rose. Delicate clear China pink, with silvery edge.....	.30	2.50	.....
7.3 Veloutine. Large single cup-shaped flower, like a tulip; Tyrian purple with velvety reflex.....	.30	2.00	15.00
7.6 Vesuve. Dark red.....	.40	3.00	.....

## UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink.....	\$0.15	\$1.00	\$ 8.00
Double White.....	.15	1.20	9.00
Double Red.....	.20	1.25	10.00
Double Mixed.....	.15	1.00	6.00

## PEONIES IN CASE LOTS

### 3 to 5 Eye Divisions

CASE LOT No. 1 (value \$18.00) for \$15.00	CASE LOT No. 2 (value \$26.25) for \$22.50	CASE LOT No. 3 (value \$36.25) for \$32.00
75 Unnamed dbl. Pink	75 Edulis Superba	50 Baroness Schroeder
50 " " White	50 Mad. de Verneville	75 Sarah Bernhardt
75 " " Red	75 Felix Crousse	75 Karl Rosefield
The above 200 roots, for \$15.00.	The above 200 roots, for \$22.50.	The above 200 roots for \$32.00.



# Rubber Hose, Sprinklers and Moss

## VAUGHAN'S FLORIST GUARANTEED HOSE

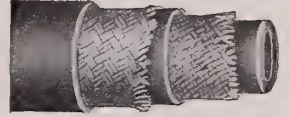
These prices are subject to change without notice.

A brand of hose manufactured especially for greenhouse use. Molded hose of highest quality; thick, sturdy hose wall and two braids of heavy cord, make it suitable for use by florists. Comes in bales of 500 feet; order exact number of feet you require. We can cut in any length.

**Guarantee**—We guarantee Florist Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition.

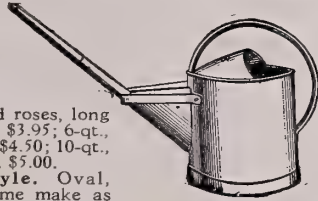
25 to 49 feet... per ft. 17½¢ 50 to 99 feet... per ft. 17¢ 100 to 400 feet... per ft. 16½¢ In bales of 500 ft. per ft. 15½¢  
**CORRUGATED HOSE.** High grade molded hose suitable for use by florists and contractors on golf greens, in cemeteries, public parks and large estates. Price, 50 to 100 feet, 12¢ ft.; 100 to 500 feet, 11½¢ ft.

Price ¾ or ½-inch Couplings, 15¢ per set; sample mailed free if desired.



### WATERING POTS.

**American** Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., \$3.95; 6-qt., \$4.25; 8-qt., \$4.50; 10-qt., \$4.75; 12-qt., \$5.00.  
**French Style.** Oval, otherwise same make as above. 6-qt., \$5.00; 8-qt., \$5.25; 10-qt., \$5.50; 12-qt., \$5.85.



French Style



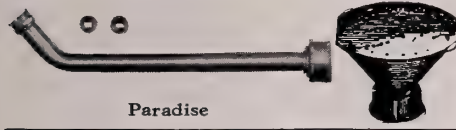
### HOSE NOZZLES.

**"Chicago"**—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. Two plates, each 3¾ inches in diameter, about 100 very fine holes in each

giving both fine and coarse effective sprays. Florists like it. Price, \$3.00.

**Paradise Syringing Nozzle.** 10-inch, each, \$2.50; 18-inch, each, \$3.00; extra tips, each, 35¢.

**Boston Rose Spray Nozzle.** Brass. ¾-inch hose. State whether coarse or fine spray is wanted. Each, \$1.25; by mail, \$1.35.



Paradise



**HOSE COUPLING, Ever-Tight.** No more waste o time, just press the lever, instant tight connection a great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 45¢; doz., \$4.80.

**HOSE WASHERS.** ¾-inch. Doz., 5¢; gross, 50¢.  
**PERFECT CLINCHING HOSE COUPLER.** ¾-inch. Per pair, 20¢; pr doz., \$2.00.

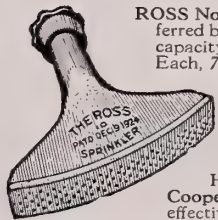
**PERFECT CLINCHING HOSE MENDER.** Each 10¢; doz., 70¢.



**"Gem"**—Throwing all variations, from fine spray to stream. Each, 65¢; doz., \$6.60.



**ROSS No. 10 SPRINKLER.** Is preferred by growers and home owners; capacity seven gallons per minute. Each, 75¢; doz., \$7.50.



**HOSE MENDER, The Cooper.** It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no mechanical skill to adjust them. Price: For ½- or ¾-inch hose, each, 10¢; 4 for 35¢; doz., 80¢. 1-inch hose, each, 15¢; doz., \$1.10.

## SPHAGNUM MOSS

Bright, Clean, New Growth, Free from Brush or Grass

**THE BEST GRADE OF SPHAGNUM** is being worked out in Wisconsin districts. Choice dependable quality is worth more money than last year. We quote L. C. L. lots as follows:

For carloads write us.  
**BURLAPPED BALES.** (45x14x16 inches) F. O. B. Wisconsin Points. 10-bale lots, per bale, 80¢; 25-bale lots, per bale, 75¢. Write for price on moss in large quantities F. O. B. Woods.  
**BURLAPPED BALES.** (Size as above) F. O. B. CHICAGO. Single bale, \$1.00; 5 bales, \$4.75; 25 bales, \$22.50. Write for price on larger quantities. New York Prices, 35 cents per bale higher. Cartage free.  
**GREEN SHEET MOSS.** For windows, baskets, etc. Per sack, \$1.35; 5 sacks, \$6.25.

# Vaughan's High-Grade Fertilizers

The highest grade only. Guaranteed analysis. Prices net cash and subject to market fluctuations.

Prices for Florists F. O. B. New York on ton lots.  
**SUPERPHOSPHATE.** 20% bone phosphate in the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Price, 25 lbs., 80¢; 50 lbs., \$1.10; 100 lbs., \$1.75; 500 lbs., \$8.25; 1,000 lbs., \$15.00; 2,000 lbs., \$27.50.  
**BONE AND BLOOD.** For garden crops use 500 lbs. per acre. Price, 25 lbs., \$1.15; 50 lbs., \$1.85; 100 lbs., \$3.35; 500 lbs., \$16.00; 1,000 lbs., \$30.00; 2,000 lbs., \$58.00.

## BONE, BLOOD AND POTASH (Analysis) 5-8-7

Excellent for mixing into potting soil or as a top dressing. Use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water 25 lbs., \$1.30; 50 lbs., \$1.95; 100 lbs., \$3.50; 500 lbs., \$15.00; 1,000 lbs., \$27.00; 2,000 lbs., \$52.00.

## BONE MEAL—VAUGHAN'S ROSE GROWER

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Analysis: Nitrogen 3.7 per cent; total phosphoric acid, 20 per cent; available phosphoric acid, 9 per cent. Price, 5 lbs., 50¢; 10 lbs., 95¢; 25 lbs., \$1.35; 50 lbs., \$2.10; 100 lbs., \$3.15; 250 lbs., \$8.50; 500 lbs., \$15.00; 1,000 lbs., \$28.00; 2,000 lbs., \$54.00.

**REGULAR BONE MEAL.** 25 lbs., \$1.10; 50 lbs., \$1.80; 100 lbs., \$2.85; 250 lbs., \$7.75; 500 lbs., \$14.50; 1,000 lbs., \$27.00; 2,000 lbs., \$52.00.

**DRIED BLOOD** For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. Price, 25 lbs., \$1.75; 50 lbs., \$2.50; 100 lbs., \$4.85; 500 lbs., \$22.50; 1,000 lbs., \$42.50; ton, \$83.00.

**FLORANID UREA** A highly concentrated organic fertilizer containing 46 per cent available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Price, lb. can, 25¢; 25 lbs., \$2.75; 50 lbs. \$4.75.

**LOMA.** A well balanced plant food for commercial growers. Best fertilizer for all types of plants either under glass or outside. Price, 1-lb. pkgs., 24 in case, per case, \$1.44; 5-lb. carton, 12 in a case, per case, \$3.60; 10-lb. bags, packed, 10 in a jute sack, per sack, \$5.60; 25-lb. bags, 4 in a sack, per sack, \$4.20; 50-lb. bags, 2 bags to a sack, per sack, \$3.54; 100-lb. bags, \$2.90 (300 lbs. or over Freight Prepaid). Prices slightly higher in New England States.

**HARDWOOD ASHES.** (Imported). A fall lawn dressing. Insures a thrifty growth and dark color. Price, 25 lbs., 90¢; 50 lbs., \$1.65; 100 lbs., \$2.75; 500 lbs., \$13.00; 1,000 lbs., \$22.00; 2,000 lbs., \$42.00.

**HORN SHAVINGS** 50 lbs., \$2.75; 100 lbs., \$4.00; 500 lbs., \$19.00.

**NITRATE OF SODA or Chili Saltpeter** Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must furnish the plant with Nitrogen. Price (subject to market changes), 25 lbs., \$1.40; 50 lbs., \$2.10; 100 lbs., \$3.25; 500 lbs., \$15.00; 1,000 lbs., \$28.00. Write for prices on larger quantities.

## WIZARD BRAND SHEEP MANURE

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. Price, 25 lbs., 90¢; 50 lbs., \$1.65; 100 lbs., \$2.15; 500 lbs., \$11.50; 1,000 lbs., \$21.00; 2,000 lbs., \$40.00.

**SCOTCH SOOT.** (Genuine Imported.) Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. Price, 25 lbs., \$1.50; 50 lbs., \$2.60; 100 lbs., \$3.50; 500 lbs., \$17.00; 1,000 lbs., \$32.50.

**WIZARD BRAND SHREDDED CATTLE MANURE.** An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process, from selected fresh cleanings from cattle pens. Price, 100 lbs., \$2.50; 500 lbs., \$13.50; 1,000 lbs., \$23.00; 2,000 lbs., \$44.00.

**CLAY'S FERTILIZER.** This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil as a top-dressing. Price, 7 lbs., \$1.25; 14 lbs., \$2.00; 28 lbs., \$2.85; 56 lbs., \$5.00; 112 lbs., \$9.25.

**POULTRY MANURE.** 100 lbs., \$3.00; 500 lbs., \$14.50; 1,000 lbs., \$25.00; 2,000 lbs., \$45.00.

**IMPORTANT.** The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates. We are not responsible for loss of weight, due to evaporation, of imported fertilizers.

# Wire, Stakes and Supplies

## PLANT STAKES—A FULL LINE

### CANE STAKES

**Standard Grade.** These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per 100, \$1.00; 500 for \$4.25; per 1,000, \$7.75. (If shipped from New York), per 100, \$1.45; 500 for \$5.50; per 1,000, \$9.75. Special price on larger lots on application.

**Heavier Grade.** 8 to 11 ft., 100, \$1.95; 500, \$7.50; 1,000, \$13.00. If shipped from New York, 100, \$2.35; 500, \$8.75; 1,000, \$15.95.

### Japanese Bamboo Stakes, Plain and Green Painted.

F.O.B. Chicago Per F.O.B. New York

	Bale of		Per 100	Per 1000
	Per 100	Per 1000		
1½ feet...	\$0.40	\$2.25	\$3.50	\$0.40
2 feet...	.60	2.75	4.50	.50
2½ feet...	.70	3.25	5.50	.60
<b>Natural.</b>				
6 feet...	1.25	8.25	...	1.10
7 feet...	.85	3.65	6.50	.75
3½ feet...	1.00	4.75	7.50	.90
4 feet...	1.10	5.60	9.00	1.00

Write for price in bale lots.

**Pipe Stems,** 4 to 6 ft. long, weight, per 1,000, 54 lbs. F.O.B. Chicago, 100 for 95c; 500, \$3.25; 1,000, \$6.00.

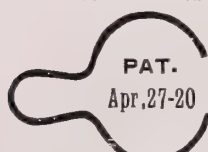
Write for price on Green Painted light and heavy wood stakes.

**Heavy Chinese Tonkin Stakes, Natural Colors.** Heavy weight bamboo. Entire stake same weight, do not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Last a lifetime.

Length	Diameter	F.O.B.	F.O.B.
		New York	Chicago
4 ft.	½ to ¾ inch	\$2.50	\$2.75
4 ft.	¾ to 1 inch	3.25	3.85
5 ft.	¾ to 1 inch	3.50	4.00
6 ft.	¾ to 1 inch	4.00	4.50
8 ft.	¾ to 1 inch	4.75	5.50

**Galvanized Steel Wire Stakes.** Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice. We can also supply 12-gauge stakes, write us for price on quantities, delivered to your nearest freight depot.

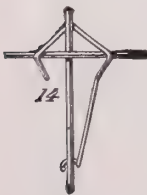
No. of Gauge—	No. 9 Wire		No. 8 Wire	
	Per 100	Per 1000	Per 100	Per 1000
3 ft.	\$1.30	\$10.50	3½ ft.	\$1.65
4 ft.	1.55	12.75	4 ft.	1.95
5 ft.	1.90	16.50	5 ft.	2.35
6 ft.	2.25	18.75	6 ft.	2.90



**PLANT TIES, Lighting Wire.** Per box of 1000, \$2.00; 5 or more boxes, \$1.90 per box. Shipping weight per box, 2 lbs.

### CLIP, Blake's New Loop Lever.

For roses, mums, etc., up-to-the-minute stake holders; holds stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price, \$2.00 per 1,000. Samples mailed free.



**STAKE FASTENERS.** Everlasting, packed 500 to a box, per box, \$1.25; 5 boxes or more, \$1.10 each.

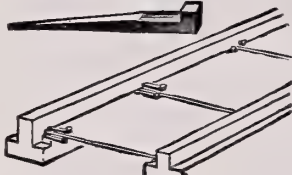
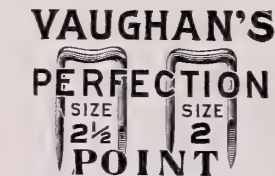
### MASTICA, For Glazing Greenhouses

The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side). Price, per gal., \$2.45; 5 gals., \$11.75; 10 gals., \$23.00.

**VAUGHAN'S GREENHOUSE BULBING CEMENT.** One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20 gallon drums, per gal., \$1.00; 10 and 5 gal. drums, per gal., \$1.25; 1-gal. can, \$1.50. Glazing gun gratis with 60 or 40 gal. drum.

**GARLANITE.** The original white glazing compound Price, 40 and 60 gals., \$2.45 per gal.; kegs, 10 and 20 gals., \$2.30 per gal.; 5 gal. cans, \$2.55 gal.; 1 gal. cans \$2.60 each.

**PUTTY BULB, Scollay's.** A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.35; 3 for \$3.75; doz., \$13.00; in three doz. lots, doz., \$12.50; in six doz. lots, doz., \$12.00. If by mail (weight under 1 lb.).



Write for prices in larger quantities.

**SIEBERT'S IMPROVED.** Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, ¾ and ⅝-inch long, put up in 1 lb. packages. Over 1,500 points in 1-lb. pkg. of ¾; over 1,000 points in 1-lb. pkg. of ⅝. Price, per lb., 50c; 5 lbs. \$2.35; 20 lbs., \$8.50.



**FLOWER TUBS, "Richmond Style."** These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also

supplied at an additional charge as below. Prices. F. O. B. Chicago or New York. Prices subject to change without notice.

	Inside Top Diameter	Depth Inside	Price, Each	Four for
No. 1	7 in.	6 in.	\$0.55	\$ 2.00
No. 3	8 in.	8 in.	.65	2.40
No. 5	10 in.	9 in.	.75	2.80
No. 7	12 in.	11 in.	1.00	3.00
No. 9	14 in.	13 in.	1.50	5.60
No. 11	16 in.	15 in.	1.70	6.40
No. 13	18 in.	17 in.	2.50	9.60
No. 14	19 in.	18 in.	2.95	11.40

If handles are required, add 35c per tub.

## GALVANIZED VASES

A Good Variety of Sizes in These Flower Vases. And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.



Style	Diameter		Height	Price, Per Doz.
	Top	Bottom		
253	4¾ in.	3¾ in.	10 in.	\$3.75
255	6½ in.	5¼ in.	12 in.	5.00
257	6½ in.	5¼ in.	15 in.	5.50
57	5 in.	3½ in.	5 in.	2.60
59	6½ in.	5¼ in.	7 in.	4.20
65	7½ in.	6¼ in.	8 in.	4.75
66	9 in.	7½ in.	10 in.	5.60
68	9 in.	7½ in.	12½ in.	7.60
69	9 in.	7½ in.	18 in.	8.80
70	9 in.	7½ in.	24 in.	10.00

### WIRE, Bright Annealed.

(Prices subject to change.)

Per 12 lbs.		Per 12 lbs.	
No. 18	\$1.25	No. 26	\$1.95
No. 20	1.40	No. 28	2.25
No. 22	1.55	No. 36	3.75
No. 24	1.75		

### FLORISTS' CUT WIRE.

Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box.

No.	18	20	21	22	24	26
Price...	\$1.25	\$1.35	\$1.45	\$1.55	\$2.25	\$2.85

### GLAZING POINTS, Vaughan's Perfection. No rights or lefts.

No. 2. For large single thick glass. No. 2 ½. Double thick, for greenhouses and skylights.

No. 2. Price, per lb. (about 900), 60c; in lots of 5 lbs., 55c per lb. No. 2 ½, per lb. (about 800), 60c; 5 lbs. at 55c per lb.



**Suction Flower Holders.** Made of metal, round shape, with square wire mesh dome, finished in green bronze with rubber vacuum cup in bottom which prevents tilting over when long-stem flowers are used. No florist should be without these wonderful sellers.

### SUCTION FLOWER HOLDERS.

Diameter	Per Doz.
3-inch	\$3.00
4-inch	4.00
5-inch	5.00

**CHIFFON, All Shades.** In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 5c; 6-inch, per yard, 6c.

**Valley Pattern Chiffon.** Pink and white, 6-inch, per yard, 7c.

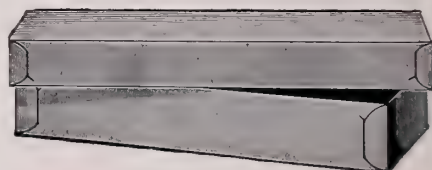
**Dotted Chiffon, All Shades.** In bolts of 40 to 45 yards. Sold only in original bolts. 4-inch, per yard, 6c; 6-inch, per yard, 7c.

**Metaline.** Has a bright metallic lustre. Width 6 inches, for baskets, bouquets, and funeral work. We carry a stock of all colors, 40 yards to a bolt. Per Bolt \$1.25; 6 Bolts \$1.15 per Bolt.

**No. 1 Baby Ribbon.** Any color. Spool of 50 yds., 60c; doz., \$6.50.

**Corsage Pins.** 4-inch, assorted colors. Per gross, \$1.50.

**Corsage Ties (Cord and Tassels).** Per doz., 65c; per gross, \$6.50.



## CUT-FLOWER BOXES

Printing any single color. Per 1,000, \$2.50. Printing gold or silver. Per 1,000, \$4.00. When ordering printed boxes, allow a week or ten days extra for delivery.

**VAUGHAN'S "GREEN" GRADE.** Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Per 25	Weight Per 100	Per 100
18 x 5x3	\$1.25	30 lbs.	\$3.60
3 x 21x5	1.35	40 lbs.	4.10
3½ x 24x5	1.50	50 lbs.	4.50
3½ x 30x5	1.85	65 lbs.	5.60
4 x 24x8	2.25	70 lbs.	7.20
5 x 28x8	2.65	90 lbs.	7.75
5 x 36x8	3.25	125 lbs.	10.50
5 x 42x8	4.35	165 lbs.	14.95

**FLORAL DESIGN BOXES.** Mist gray. Full telescope.

	Per 25	Per 100
No. 25 6x30x12	\$4.75	\$15.00
No. 26 8x36x14	7.50	24.95
No. 27 8x20x20	7.50	25.50
No. 28 8x24x24	8.50	29.90

Packed 25 complete per bundle.

### CORSAGE BOXES. Mist Gray.

	100	100
10x6x5½, 30 lbs.	\$4.00	12x8x5½, 45 lbs.

Write for Special Discounts on quantity orders.

**TISSUE, American Beauty.** 24x36 inches, F.O.B. New York, ream (480 sheets), \$1.30; 10 reams (4800 sheets), \$11.00. F.O.B. Chicago, ream (480 sheets), \$1.20; 10 reams (4800 sheets), \$9.75.

**TIN FOIL.** Price subject to change without notice. Terms cash.

**Florists' Foil.** 5, 6 or 7-inch, 1 lb., 25c; 10 lbs., \$1.95; 25 lbs., \$4.50; 50 lbs., \$8.50.

**Violet or Green Foil.** Per lb., 45c; 45 lbs. \$4.00

# Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on

the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

**ANTROL ANT POWDER.** Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Each, 15c; doz., \$1.20.

**ANSUL FORMALDEHYDE DUST.** Control "Damping off" of flower and vegetable seedlings. Price, 1 lb., 75c; 5 lbs., \$2.00; 25 lbs., \$5.50; 50 lbs., \$9.00.

**ANT EXTERMINATOR.** Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of Illinois and New York.) Per box, 40c; smaller size, 25c; by mail, 5c extra.

**APHINE.** 1/2 pt., 40c; pt., 75c; 1 qt., \$1.10; 1 gal., \$3.00.

**ARSENATE OF LEAD.** (Dry.) For dusting and spraying. 1 lb., 25c; doz., \$2.60; case of 24 lbs., \$3.60; 100 lbs., \$12.00.

**BLACK ARROW DUST.** A non-poisonous pyrethrum dust, effective against many insects. Price, 1 lb., 35c; 5 lbs., \$1.40; 10 lbs., \$2.50; 100 lbs., \$19.00.

**BORDEAUX MIXTURE.** (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 30c; doz., \$2.60; 4 lbs., 70c; case of 48 lbs., \$7.00.

**CALO-GREEN.** For control of neck rot or scab on gladiolus. Per lb., \$2.25; 5 lbs. \$10.00. Write for price on larger quantities.

**CARBON DISULPHIDE.** For ants and cut worms. 1 lb., 50c; 1/4 lb., 25c. Doz., \$2.25.

**CALCIUM ARSENATE.** (Dry.) Lb., 30c; 4 lbs., 85c.

**CUPROCID RED COPPER OXIDE.** Use for dusting seeds to insure germination and prevent damping off. May be used as a spray for mildew. 1 lb., 90c; 5 lbs., \$3.75.

**CYANOGAS "A" GRADE.** For moles, rats, gophers, and other ground rodents. (By express only.) 1/2 lb., doz., \$3.60; 1 lb., doz., \$6.00; 5 lbs., each, \$3.00. 4-oz. tins for ants, doz., \$2.40.

**CYANOGAS CALCIUM CYANIDE "G."** Greenhouse fumigant. Aphis, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. (By express only.) 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$25.00. Write for leaflet.

**DERRISOL.** Is an odorless non-poisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; doz., \$2.70; 8 oz., \$1.20; 2 lbs., \$3.00; 10 lbs., \$12.00.

**DEVIL DUST.** The one dust that does triple duty. 1 lb. tins, ea., 50c; doz., \$4.20; 10 lb. tin, \$3.25; 25 lb. drum, \$7.00; 50 lb. drum, \$12.50; 100 lb. drum, \$24.00.

**DOGZOFF.** Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 60c; doz., \$4.80; gross, \$46.08.

**DRY LIME SULPHUR.** For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; doz., \$3.00; 5 lbs., \$1.50; 25 lbs., \$4.50; 100 lbs., \$11.50.

**FISH-OIL SOAP.** Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; doz., \$2.50; 5 lbs., 95c; 10 lbs., \$1.85.

**FLOWERS OF SULPHUR.** Dusting grade. Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$2.25; 100 lbs., \$3.65.

**FUME TOBAC.** 25 lb. drum, \$5.00; 50 lb. drum, \$8.00; 100 lb. drum, \$15.00.

**FUNGINE.** New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pint, 60c; 1 qt., \$1.00; gal., \$3.00.

**GRAPE AND ROSE DUST.** Excellent for the prevention and destruction of mildew on plants. 1 lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25.

**HELLEBORE POWDERED, White.** Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per 1/4 lb., 20c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.25; 10 lbs., \$4.00.

**LEMON OIL.** Destroys mealy bug, scale, red spider. 1/2 pt., 30c; pt., 50c; qt., 75c; 1/2 gal., \$1.50; gal., \$2.50; 5 gals., \$10.00.

**LETHANE-440.** A very effective insecticide for controlling red spider and mealy bug. Qt., \$3.00; gal., \$8.50; 5 gals., \$35.00; 10 gals., \$60.00.

**LETHANE SPREADER.** Gal., \$1.50; 5 gal. can, \$6.50.

**LIME SULPHUR.** (Solution.) The best remedy for San Jose scale. One gallon makes twelve. Per qt. can, 45c; 1 gal., \$1.00; 5-gal. can, \$4.00. Write for prices in barrel lots.

**LORO.** A new contact insecticide for controlling aphids, thrips, red spiders, etc. Pint, \$2.00; gal., \$9.75.

**NAPHTHALINE FLAKES.** 10 lbs., \$1.25; 25 lbs., \$2.75.

**NAPTOCID.** New plant and bulb fumigant; effective against thrips, wood-lice, sow bugs, wire worms, etc. 5 lbs., \$1.25; 25 lbs., \$4.00; 50 lbs., \$6.75; 100 lbs., \$12.50.

**"NICO-FUME," A Tobacco Paper for Fumigating.** Strips of paper strongly saturated with Nicotine. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, \$1.25; 144 sheets, \$4.50; 288 sheets, \$8.00.

**NICO-FUME LIQUID.** For fumigating or spraying; contains 40 per cent nicotine. 1 lb., \$2.25; 4 lbs., \$5.75; 8 lbs., \$10.00.

## Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

**ACME ALL-ROUND SPRAY.** A combination insecticide and fungicide to control sucking and chewing insects. Will combat blight and fungus diseases. 1/4 lb. cans, doz., \$2.70; 1-lb. cans, doz., \$6.12.

**ANTROL READY FILLED SETS** Consisting of 4 patented glass feeders. Per doz. sets, \$3.20. Retail at 40c set. Packed in a strong display carton.

**ANTROL SETS** for exterminating ants in lawn, garden, and flower beds. Containing 4 jars and 4 oz. bottle antrol syrup. Per doz. sets, \$6.00. Retail at 75c set.

**APHIS SPRAY.** A combination of Black Leaf 40 and Fish Oil Soap. Per doz 3-oz. tubes, \$2.67. Retail at 35c per tube.

**BLACK LEAF 40.** Oz. bottles, doz., \$2.67; carton of 24, \$5.30; 5-oz. bottles, doz., \$8.00; 1 lb., \$2.00 ea.; 2 lbs., \$3.00 ea.; 5 lbs., \$5.75 ea.; 10 lbs., \$9.75 ea.

**BUG GUN.** A good seller for the retail counter. Complete with dust, each 35c. Packed 24 to the case, size 2 1/2 inch diameter by 12 1/2 inch extended. Per dozen \$2.80.

**DAWG-GONE.** Protects evergreens from dogs. Per doz. tubes, \$2.00. Retail for \$3.00.

**NEW EVERGREEN ASSORTMENT.** 1 oz. bottle, 35c; doz., \$2.70; 6 oz. bottle, \$1.00; doz., \$8.00; pint, \$2.00; gal., \$9.50; 5 gals., \$42.50.

**RATKISSES.** Put up on easel card holding 12-25c pkgs., containing 12 ratkisses each. Price, per card, \$2.00; six or more cards at \$1.80 per card.

**RED ARROW Assortment** for resale. Per carton of 24 oz. bottles and 2 1/2-pint bottles, price, \$5.20. Retail for \$10.40. Pint, \$2.00; qt., \$3.70; gal., \$9.50.

**ROTECID.** Standard rotenone spray. Oz. bottles, doz., \$2.70. Special deal of 24 1-oz. bottles and 2 8-oz. bottles, packed in attractive counter display box, \$5.00. Retail for \$10.40. Per pint, \$1.75; qt., \$3.00; gal., \$8.00; 5 gals., \$35.00; 15 gals., \$93.00.

**ROTENONE DUST 3/4%.** For control of Mexican bean beetle use this dust at rate of 15 to 25 lbs. per acre depending on the density of the foliage for spraying. 1 lb. to 10 gals. of water. Price, 24 1-lb. bags at 17 1/2c lb.; 6 5-lb. bags, 16c lb.; 25-lb. bags at 15c lb.; 50-lb. bags at 14 1/2c lb.; 100-lb. bags 13 1/2c lb.

**SLUG SHOT.** Hammond's. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for \$1.80; 5-lb. pkgs., 6 for \$3.60; 125 lb. keg, \$12.00; 250 lbs. in bulk, \$22.00.

**TREE TANGLEFOOT.** 6 oz., doz., \$2.80; case of 24 cans \$5.20; 1-lb. cans, per doz., \$5.60; per case of 24, \$10.30; 5-lb. can, \$2.50; doz., \$26.40; 10 lbs., \$4.50 each; case of 4 cans, \$16.77; 25 lbs., \$9.50 each.

**NICO-ROTE.** A combination of Nicotine and Roteone. Kills by contact and fumes. Qt., \$4.00; gal., \$12.00.

**NICOTINE.** Fumigating powder. 10 lb. cans, \$5.85.

**NICO FUME PRESSURE FUMIGATOR.** Put up in 1/2 lb. and 1 lb. cans, powder is now burned under pressure giving better control of insects. The cans have a sparkler for lighting the powder. 1/2 lb. cans, 45c; six for \$2.40; Doz., \$4.20; 1 lb. cans, 75c; six for \$3.75; doz., \$7.00. Orders for 36 1 lb cans or 60 1/2 lb. cans prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

**NICO-FUME POWDER FUMIGATOR.** Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 5-lb. tin, \$3.35; 10-lb. tin, \$5.85.

**NIKOTEEN.** 30% grade. For Spraying and Fumigating. Oz. bottle, 35c; Doz., \$2.50; 1/2 pt., \$1.00; pt., \$1.75; 3 pts., \$5.00; original case 10 pts., \$16.00. 40% grade, 4 lbs., \$5.75; 8 lbs., \$10.00.

**PARIS GREEN.** A poisonous insecticide in powder form, for insects which chew. 1/4 lb., 15c; Doz. \$1.50; per lb., 45c; doz., \$4.50; 5 lbs., \$1.95; 14 lbs., \$4.95.

**PENETROL.** An activator for nicotine spraying solutions. Qt., 75c; gal., \$1.75; 5 gals., \$6.75.

**PINE TAR.** For tree surgery. Per qt., 65c; gal., \$1.35.

**POMO GREEN.** Without nicotine. The new green Fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 50c; doz., \$4.00; 5 lbs., \$1.75; 25 lbs., \$8.00.

**POMO GREEN.** With nicotine. 1 lb., 75c; doz., \$6.00; 5 lbs., \$3.00.

**RESPIRATORS.** For mild fumigating and dusting. Each \$1.75; 3 for \$4.95.

**SCALECID.** An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 65c; gal., \$1.55; 5 gals., \$5.50; 10 gals., \$9.50. Write for price in barrel lots.

**SELOCIDE.** Kills red spiders. Price, qt., \$1.10; gal., \$3.00; 5 gals., \$13.50; 10 gals., \$24.50; 30 gals., \$58.50; 50 gals., \$86.50.

**SEMESAN.** The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Prices, 2 oz., 35c; Doz., \$2.80; 1 lb., \$2.25; 5 lbs., \$9.90; 25 lbs., \$45.50; 100 lbs., \$180.00. Write for leaflets, stating for what purpose desired. Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

**SNAROL.** An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Price, 1 1/2 lb., 35c; doz., \$2.80; 4 lbs., 85c; doz., \$6.80; 15 lbs., \$3.00; doz., \$24.00; 50 lbs., \$5.33.

**SULPHATE OF IRON.** A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 35c; 10 lbs., 65c; 25 lbs., 90c; 100 lbs., \$2.25.

**THRIP JUICE No. 2.** Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 65c; qt., \$1.25; gal., \$4.80.

**TOBACCO DUST. (Regular Grade.)** 10 lbs., 50c; 25 lbs., 90c; 100 lbs., \$3.00.

**TOBACCO STEMS.** 100 lbs., \$2.50; 500 lbs., \$9.50; 1,000 lbs., \$18.00.

**TRI-OGEN.** Fungicide insecticide and plant stimulant. A, small kit makes 16 qts., \$1.50. B, medium kit makes 64 qts., \$4.00. C, large kit makes 32 gallons, \$6.00. D, estate kit makes 128 gallons, \$20.00.

**VERMINE.** For eel, cut worms and wire worms, working in the soil. Can be applied to all vegetation. 1/2 pt., 40c; pt., 75c; qt., \$1.10; gal., \$3.00.

**VOLCK.** The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphid and thrips. Qt., 75c; gal., \$2.00; 5 gals., \$6.25; 14 gal. drum \$14.00; 28 gal. drum \$25.20; 54 gal. drum, \$43.20.

**WILSON'S O. K. PLANT SPRAY.** A powerful yet harmless and efficient insecticide for aphid, red spider, mildew, scale, etc. Price, qt., \$1.00; gal., \$3.00; 5 gals. for \$12.00.

**WONDER-GROWTH Insecticide, Fumigant and Fertilizer.** A finely ground ALL Tobacco Insecticide, Fumigant and Fertilizer. Very effective in all three of its uses. A very excellent plant food for flowers, lawns, gardens and shrubbery. 25 lbs., \$1.50; 100 lbs., \$4.25.

# Freesias CALIFORNIA GROWN

The severe cold weather in California during January and February caused great damage to some of the fields. This may result in a shortage so get your orders placed early.

Our Freesias bulbs are grown by specialists who know how to handle the stock from the time of planting until they are packed and shipped. Why take a chance of buying from such dealers that buy from growers who grow for "cut flowers" and do not give their bulbs the best of care in digging, curing and shipping.

## PURITY—True Strain

	Per 1,000
1/2 to 5/8 in.....	\$ 6.50
5/8 to 3/4 in.....	11.00
3/4 in. and up.....	15.00

Write for prices on large quantities.

## Elder's Giant White

(Patented)

Much demand for the flowers on all markets because of the size and strong stems.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$10.00	3/4 in. and up.....	\$35.00
5/8 to 3/4 in.....	18.00		

## Golden Daffodil

The yellow you must have with your planting of the White varieties. Color, clear, light yellow and orange blotch. Large flowers on strong, stiff stem.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$ 6.50	3/4 in. and up.....	\$15.00
5/8 to 3/4 in.....	11.00		

## Apotheose

New. One of the best varieties, very large robust flowers, opening deep mauve-lilac, turning to bright carmine-pink; white throat, tall, rigid stems, extra.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$9.00	5/8 to 3/4 in.....	\$16.00

## Blue Bird

Deep delphinium blue with light center, large open flower and good long stem. No question the finest blue Freesia ever put on the market.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$16.00	5/8 to 3/4 in.....	19.00

## Golden Wonder

Clear light yellow with orange markings on lower petal, extra broad petalled. We consider this the largest and best yellow in this price range.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$19.00		
5/8 to 3/4 in.....	25.00		

## Miss Blanche Blue

(Patented)

Deep blue, large, open flowers; tall, strong stems; long lateral stems making possible even third and fourth cuts; tall, deep-green leaves; a sturdy grower and easy forcer.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$12.00		
5/8 to 3/4 in.....	18.00		

## Marie Louise Violet

This variety is an unusually strong grower, with sturdy stems well above foliage and long laterals—The flower is large of a deep blue violet color, sometimes with a little touch of pink in it, which makes it very attractive.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$16.00	5/8 to 3/4 in.....	\$20.00

## Mrs. Marc Peters

A very attractive deep rosy salmon with lower petals blotched orange with yellow. Flowers are of good size and open up well. This variety is one of the earliest to bloom, giving it a special market value.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$13.00	3/4 in. and up.....	\$20.00
5/8 to 3/4 in.....	15.00		

## Mia Marvin

A gigantic canary yellow with a heavy blotch of deep orange on the lower lip, which is very attractive. The spray is of great size on long, wiry stems. Without a doubt the finest yellow to date.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$25.00		



FIELD OF VAUGHAN'S WHITE CHIEF

## WHITE CHIEF

(Early Giant White)

Brings 3 to 4 times the price of Purity on the Flower Markets.

Stems average 18 to 30 inches long; single flowers 2 1/2 inches long. Can be had in bloom first week in January. Forty-five to forty-eight degrees night temperature would bring out the good qualities to perfection. At the prices at which we offer this variety a grower should buy in quantity this year.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$ 9.00	3/4 in. and up.....	\$17.00
5/8 to 3/4 in.....	12.00		

## Pink Beauty

This is a distinct new type in Freesias, a giant rose pink with broad petals, flat open flower, the color that is so much admired. It looks more like an orchid spray than a Freesia.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$15.00	3/4 in. and up.....	\$24.00
5/8 to 3/4 in.....	18.00		

## Rosy Morn

The color is a rosy-pink suffused with golden yellow at the base of each petal. Early bloomer. Stem is strong and wiry. The leaves upright and the blossom is of the open, round petal type.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$12.00		
5/8 to 3/4 in.....	18.00		

## Penserosa

Enormous broad petalled flowers of good substance, bright pinkish-carmine with primrose throat and carmine markings, strong, tall stems.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$16.00		
5/8 to 3/4 in.....	25.00		

## Red Ridinghood

(Patented)

A new and distinct color in Freesias; blood red, cadmium yellow throat with lines of blood red. Under average greenhouse conditions it will grow to a height of 33 inches. The growth is upright, stems rigid and each bulb produces from 3 to 4 laterals, which lengthens the season considerably. Good for Valentine's Day.

	Per 1,000		Per 1,000
1/2 to 5/8 inch.....	\$30.00		
5/8 to 3/4 inch.....	35.00		
3/4 inch and up.....	40.00		

## Ruth Chatterton

(Patented)

The color is distinctly new to Freesia, the upper portion of the petals, both inside and outside, are tyrian rose shading down the petals to tyrian pink. These colors being shot with delicate streaks of cadmium yellow in varying degrees becoming solid yellow down into the perianth. The flowers and sprays are gigantic, four and five flowers open at one time. They are delicately perfumed and supported by long, heavy stems with two and three long laterals.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$25.00		
5/8 to 3/4 in.....	29.00		
3/4 in. and up.....	35.00		

## Sunset

An entirely new color in Freesias being a flame orange, reminding you of the glorious sunsets of California. This variety was the greatest attraction in the field during the flowering season.

	Per 1,000		Per 1,000
1/2 to 5/8 in.....	\$13.00	3/4 in. and up.....	\$20.00
5/8 to 3/4 in.....	15.00		

REMITTANCES should be made by Post Office Money Order, Express Money Order, Bank Draft on Chicago or New York, or by Personal check. When mailing currency or coins seal and register the letter. Wrap coins securely in strong paper to prevent slipping and enclose in this blank.



DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions. Effective Oct. 1, 1932.	First pound or fraction	Each additional pound or fraction	Total Weight,	Amount for Postage \$
Local—Chicago or New York City.....	7c.	1c (2 lbs.)		
First and Second Zone within 150 miles of either.....	8c.	1.1c		
Third Zone within 150 to 300 miles.....	9c.	2c		
Fourth Zone within 300 to 600 miles.....	10c.	3.5c		
Fifth Zone within 600 to 1000 miles.....	11c.	5.3c		
Sixth Zone within 1000 to 1400 miles.....	12c.	7c		
Seventh Zone within 1400 to 1800 miles.....	14c.	9c		
Eighth Zone all over 1800 miles.....	15c.	11c		
			<b>Grand Total,</b>	

A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.

Filled by ..... Checked by ..... Packed by .....

Shipped by ..... Style of Package .....

Date ..... Book ..... Weight .....



**BUSINESS REPLY ENVELOPE**  
First Class Permit No. 1184, Sec. 510 P. L. & R., NEW YORK, N. Y.



**Vaughan's Seed Store**  
47-49 Barclay Street  
NEW YORK, N. Y.

THIRD FOLD ON THIS LINE

Your Name and Address are written plainly on the other side of this blank. NO STAMP NECESSARY TO MAIL THIS ORDER—WE PAY THE POSTAGE.

Before Sealing Be Sure

**IMPORTANT**

9

# Bulbs for Mid-Summer and Early Fall

## True Liliium Harrisii

Grown for us by one of the most reliable growers.

We can supply Fairy Isle Strain at same price.

	Per Case F. O. B. Chicago	Per Case F. O. B. New York
6- 7-inch, 335 bulbs to case.....	\$24.00	\$22.00
7- 9-inch, 200 bulbs to case.....	24.00	22.00
8-10-inch, 150 bulbs to case.....	24.00	22.00
9-11-inch, 100 bulbs to case.....	24.00	22.00

## Anemones

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Set 10 inches apart, about 1/2 inch deep. Sunny location, plenty of moisture. **Special Mixed**, number one bulbs, per 100, \$2.50; per 1,000 \$20.00.

**Anemone St. Brigid Irish Champions.** The largest flowered strain of Anemones ever offered in the United States. Large, brilliant flowers in a wide variety of colors, over 90% full double. Number one bulbs, per 100, \$3.00; per 1,000, \$25.00.



RANUNCULUS



ANEMONE

## White Calla

(Aethiopica) Ready in September

Callas being natives of swampy regions grow to best advantage where there is an abundance of moisture, and are therefore very difficult to handle in the curing. Some growers practice **premature cutting off the tops**, expose bulbs to **the sun**, in order to make **early shipment**.

Our stock is **thoroughly cured in the ground** and **dried** thoroughly before they are packed. This means **later delivery** but better results can be obtained from such bulbs.

We caution forcers of Callas to water this stock sparingly after planting because Calla bulbs store up considerable moisture.

Size	Per 100	1,000
1 1/4-1 1/2 inches.....	\$ 4.75	\$ 40.00
1 1/2-1 3/4 inches.....	9.00	82.50
1 3/4 inches and up.....	15.00	145.00

## Colchicum

	Per 100	1,000
Curious for their habit of blooming without soil. Fall blooming, excellent for retail sales.	Per 100	1,000
<b>Colchicum Autumnale Major.</b> Light blue....	\$14.00	\$135.00
<b>Speciosum.</b> Deep blue.....	19.00	185.00

## Crocus

Autumn Flowering

	Per 100	1,000
Very fine for planting in Rock Gardens.	Per 100	1,000
<b>Speciosus.</b> (Deep blue).....	\$2.50	\$20.00
<b>Zonatus.</b> (Soft lilac).....	2.50	20.00

## Leucocoryne Ixiodes Odorata

(Glory of the Sun)

Heads of large, fragrant flowers, blue with white center, carried gracefully on a wiry stem about eighteen inches tall. Culture same as freesias. This novelty has received much favorable comment, winning several European awards. Per doz. \$1.50; per 100, \$10.00.

## Ranunculus

Bulbs are claw-like in shape and should be planted with claws downward two inches deep and ten inches apart. Soak bulbs in water 24 hours before planting.

	Per 100	1,000
<b>Golden Glory.</b> Bright yellow.....	\$3.50	\$30.00
<b>Bonnie Lassie.</b> Pinks.....	3.50	30.00
<b>Sunset.</b> Orange, terra cotta.....	3.50	30.00
<b>Huntsman.</b> Bright red.....	3.50	30.00
<b>French Mixed.</b> .....	2.50	20.00
<b>Victoria Hybrid Mixed, Special Strain.</b> .....	3.50	30.00

## Dutch Iris

7-8 ctns. Per 1,000    8-9 ctns. Per 1,000

<b>Adrian Backer.</b> A beautiful, large flowering novelty of uniform lilac purple.....	\$27.50	\$40.00
<b>A. Bloemaard.</b> Standards dark purplish blue, falls lighter blue, very large flower, early.....	27.50	40.00
<b>Celestial.</b> Late blue.....	22.00	32.00
<b>D. Haring.</b> Early flowering. Standards greyish white, falls pure white, very large flower.....	22.00	32.00
<b>Early Snow.</b> Tall early white.....	22.00	35.00
<b>Imperator (Filifolia).</b> Deep blue. Good seller, one of the best of greenhouse growing.....	20.00	28.00
<b>J. W. De Wilde.</b> Uniform dark yellow, a novelty....	25.00	35.00
<b>Leonardo Da Vinci.</b> Standards creamy white, falls canary yellow with orange stripe, very large flower and early.....	22.00	30.00
<b>Poggenbeek.</b> Uniform dark blue. An extra good variety.....	20.00	32.00
<b>White Excelsior.</b> Uniform pure white, falls very broad, very good form and substance, very early forcer.....	30.00	40.00
<b>Yellow Queen.</b> Standards pale yellow, falls golden yellow. Thin wiry stems, excellent for forcing or outside, the best medium priced yellow.....	32.50	.....

We can supply also bulbs of the 6-7 ctns size for outdoor planting. Write for special prices.

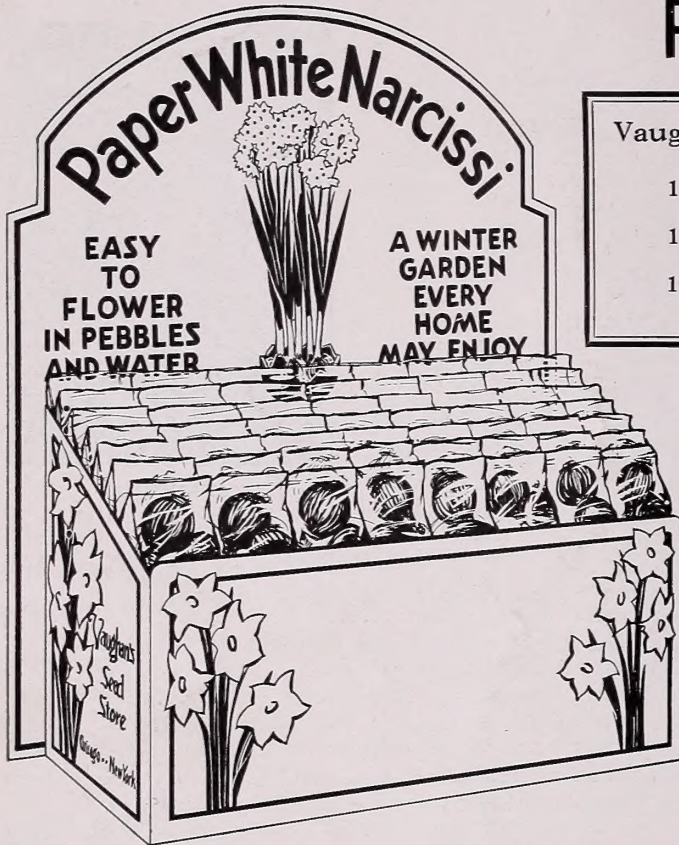
**Tingitana Wedgewood.** A seedling of the old favorite Tingitana that is just as early, but a much more reliable bloomer. Can be brought into flower in January, as it is the earliest of Iris. A great cut flower, that has commanded enormous prices during the past few years. Light blue in color. 9-10 Ctns., per 1,000, \$50.00; 10 Ctns and up per 1,000, \$65.00.

## Narcissus Paper White Grandiflora

From our own imported planting stocks. Inspected by our bulb man in the field and at harvesting time.

	100	1,000
<b>Paper Whites. Write for Prices on 5 or More Cases.</b>	100	1,000
12 ctns. Buy these to compete with chain store	\$1.50	\$10.00
13 ctns.....	2.00	16.00
14 ctns.....	2.50	20.00
15 ctns.....	3.00	25.00
<b>Grand Soliel d'Or, yellow Paper White.....</b>		
14-15 ctns.....	4.25	37.50
15-16 ctns.....	5.00	40.00
16-17 ctns.....	6.50	55.00

# A Beautiful, Practical, New Paper White Display



Paper White Display Box, 10x20 inches holding 100 Cellophane Bags

Vaughan's Paper White Display Box as Illustrated, together with

100 Cellophane Bags, each holding 3 bulbs, 13-14 ctm., (300 bulbs)	\$6.00
100 Cellophane Bags, each holding 3 bulbs, 14-15 ctm., (300 bulbs)	8.00
100 Cellophane Bags, each holding 3 bulbs, 15-16 ctm., (300 bulbs)	9.50

EVERY customer who enters your store is a prospect for a sale of Paper White narcissus bulbs. Here is a carefully designed, thoroughly tested method of displaying and selling them at a minimum of trouble and expense and the maximum of profit.

Florists cannot afford to sell inferior bulbs. Vaughan's bulbs of 13-14 ctm. circumference and up are of flowering size and highest quality. Three bulbs are enclosed in a cellophane bag which permits complete inspection, but prevents picking over of the individual bulbs, injurious handling and resultant waste. Every bulb we ship you can be sold at a profit.

Our Paper White display box, specially reinforced, decorated in black, red and green, will harmonize with your store display and sell its contents. It occupies 10 by 20 inches space, and one filling provides \$13 to \$20 sales at 100% profit. Why let chain stores get sales which should be yours?

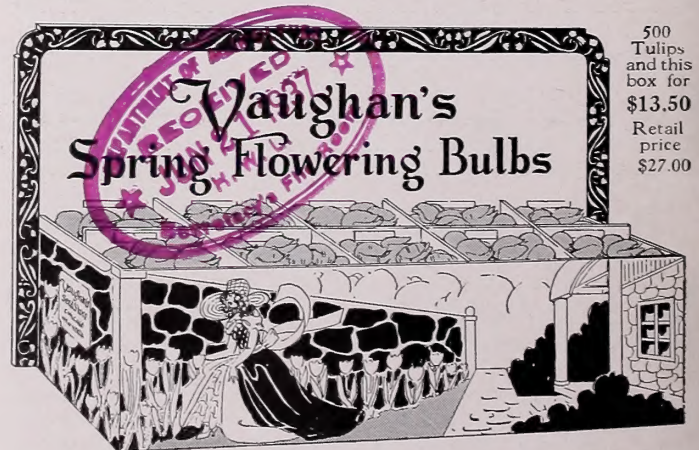
## Double Your Money on Tulips Sold from this Attractive Display

MERCHANDISING of bulbs by local dealers is rapidly growing. This business belongs to the florist, who can supply expert advice to purchasers. Profits are large; there is no spoilage; and the business harmonizes with the florist line, an important point. Our beautiful display box will be an ornament in any flower shop.

Vaughan's ten-compartment display box staunchly made of 100 point cardboard printed in brilliant colors, will hold 500 bulbs, 50 each of ten varieties.

This beautiful display box, with 500 First Size May-flowering tulips, 50 each of ten named varieties, separately bagged, \$13.50; 1,000 Second Size May-flowering Tulips, 100 each of ten named varieties, separately bagged, and display box, \$22.50, f. o. b. Chicago or New York.

The varieties in this collection are the most popular: Prof. Rawenhoff, F. Sanders, Princess Elizabeth, Dream, Dido, Moonlight, Grenadier, Picotee, Bronze Queen, Pride of Haarlem. You retail them for 65 cents per dozen, and your profit equals your investment. After the display box and first collection have been bought, refill orders will be accepted for \$13.00 for 500 bulbs, 10 each of the same varieties, in bags of 50; or \$25.50 for 1,000 bulbs, 100 each of the same ten varieties, 50 in the bag. As each compartment in the box holds easily 50 bulbs, it is convenient to transfer the entire bagful to the proper bin when the latter is empty. This prevents mixtures and loss of bulbs.



500  
Tulips  
and this  
box for  
\$13.50  
Retail  
price  
\$27.00

Tulip Display Box Holding 500 Bulbs, 50 each of 10 Named Varieties

Counter Space Needed, 13x29 Inches.

The display box with its garden design printed in brilliant colors, occupies very little space on your counter. It is an ornament to any store. It solves the problem of offering bulbs for sale in the retail shop, without danger of mixing varieties, and losing stock.